

# 2020

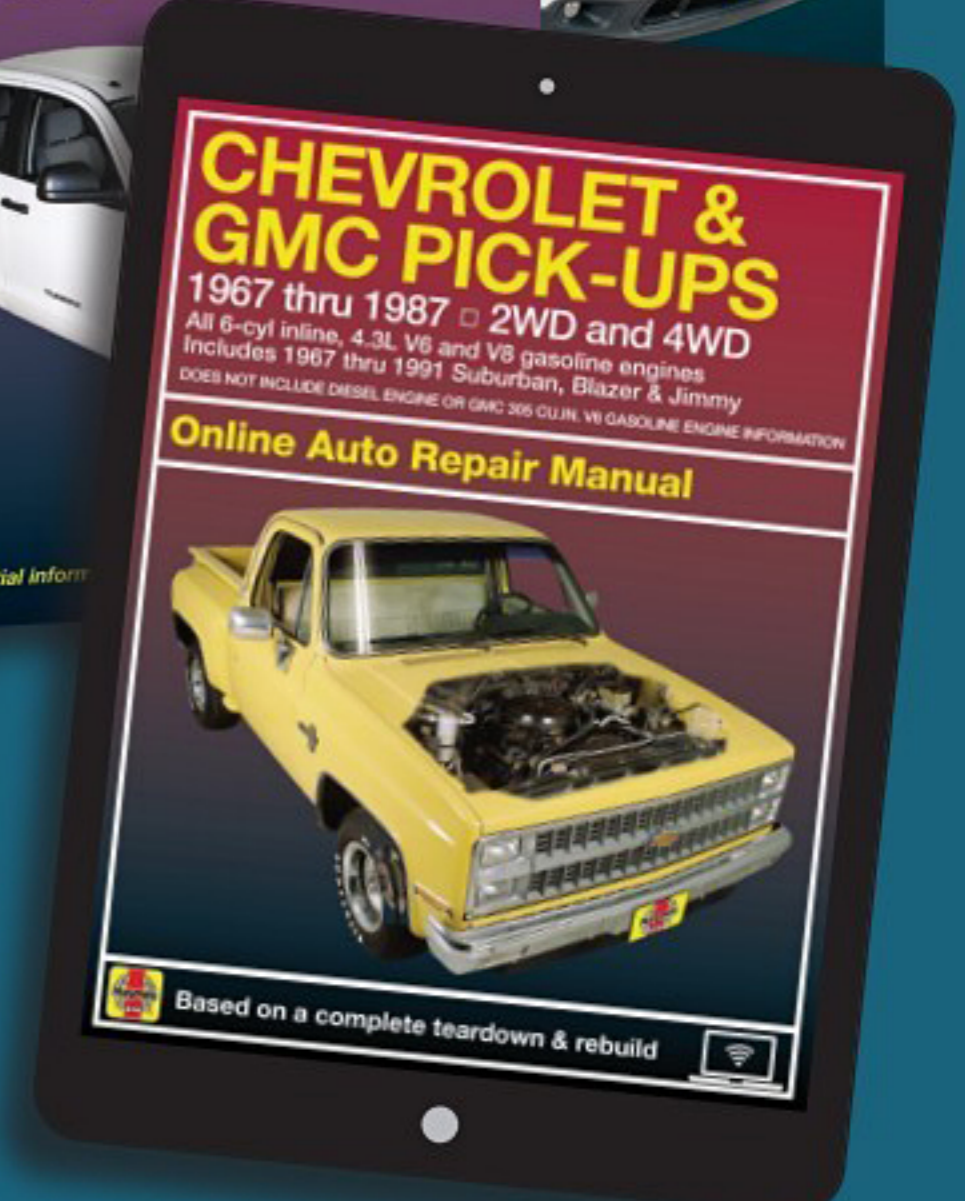


EVERY MANUAL BASED ON  
A COMPLETE TEARDOWN  
AND REBUILD



**Haynes**  
shows you how

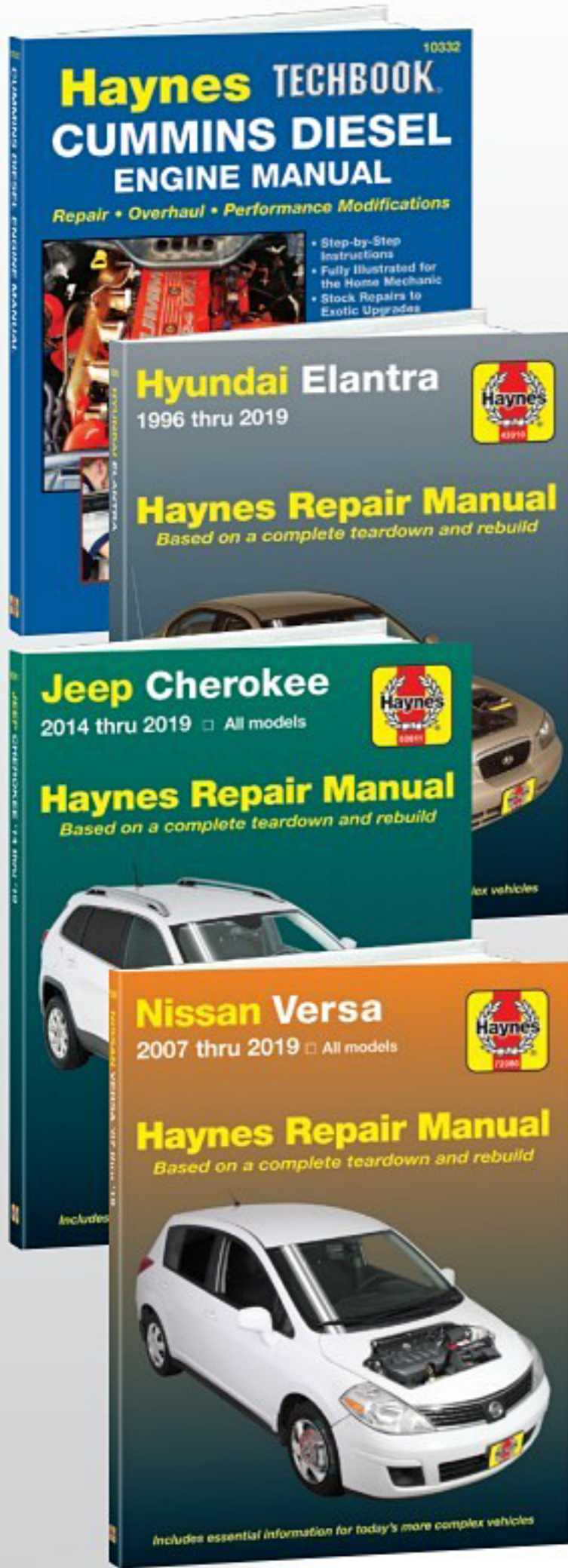
# AUTOMOTIVE REPAIR MANUALS







**HAYNES2020**



## **NEW TITLES FROM HAYNES**

*Announcing the latest additions to the Haynes line of automotive repair manuals for the do-it-yourselfer:*

**10332 Cummins Diesel Engine Performance Techbook**

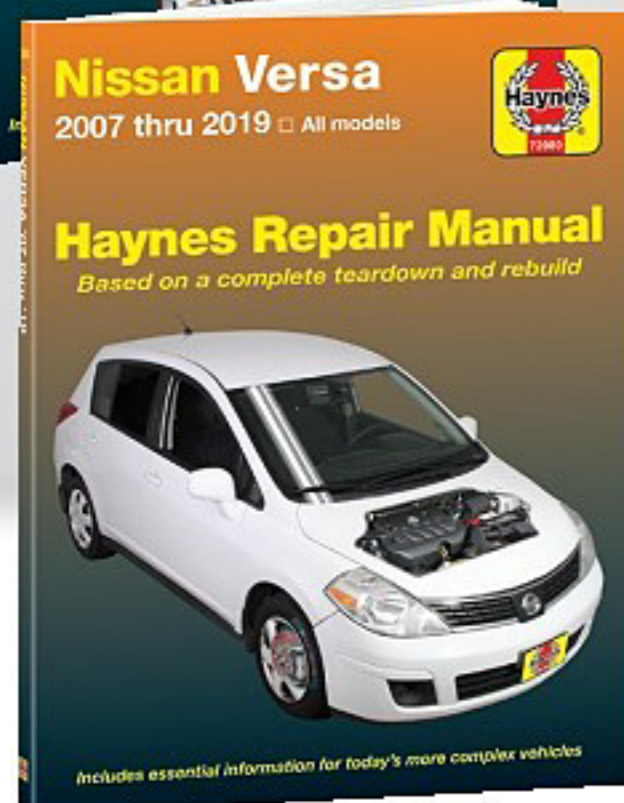
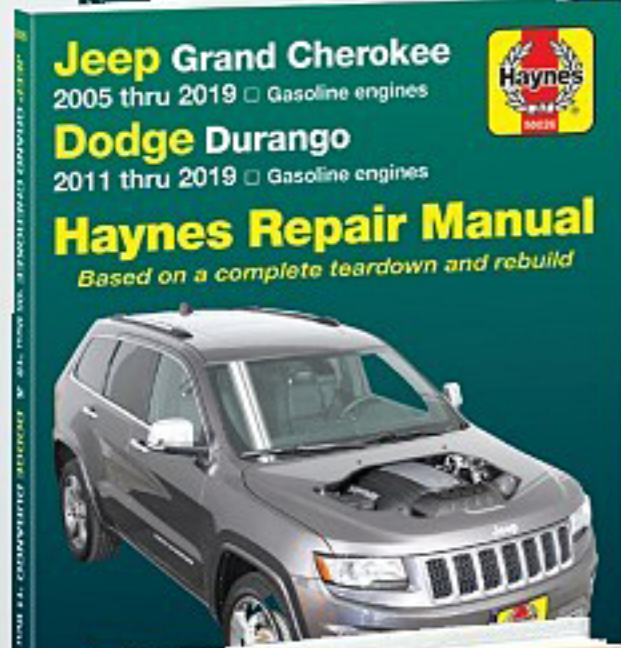
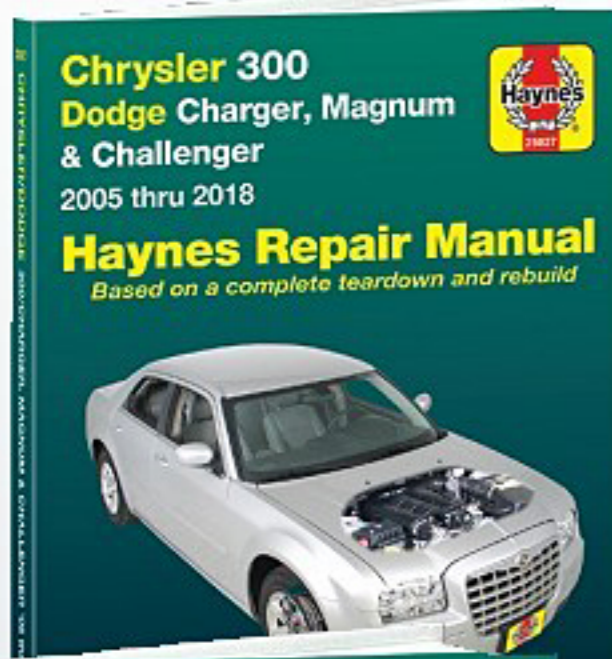
**10334 GM Engine Performance Techbook**

**50011 Jeep Cherokee, 2014-2019**

### **INSIDE EVERY MANUAL:**

- Routine maintenance
- Tune-up procedures
- Engine repair
- Cooling and heating
- Air conditioning
- Fuel and exhaust
- Emissions control
- Ignition
- Brakes
- Suspension and steering
- Electrical systems
- Wiring diagrams





## NEW TITLES COMING SOON!

24051 Chevrolet Malibu, 2013-2019  
 72017 Nissan Altima, 2013-2019  
 72053 Nissan Sentra, 2013-2019  
 96021 VW Jetta, GLI, Golf/R, GTI, 2012-2019

## NEW TITLES NOW AVAILABLE!

10332 Cummins Diesel Engine Performance Techbook  
 10334 GM Engine Performance Techbook  
 50011 Jeep Cherokee, 2014-2019

## UPDATES NOW AVAILABLE!

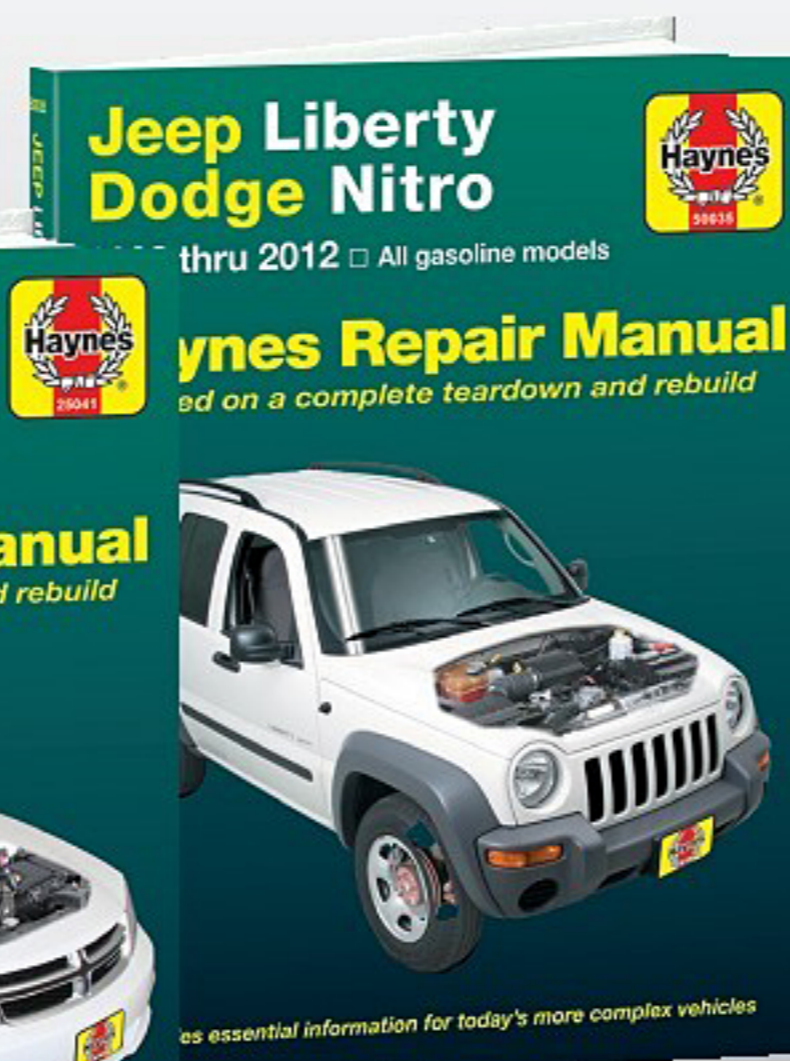
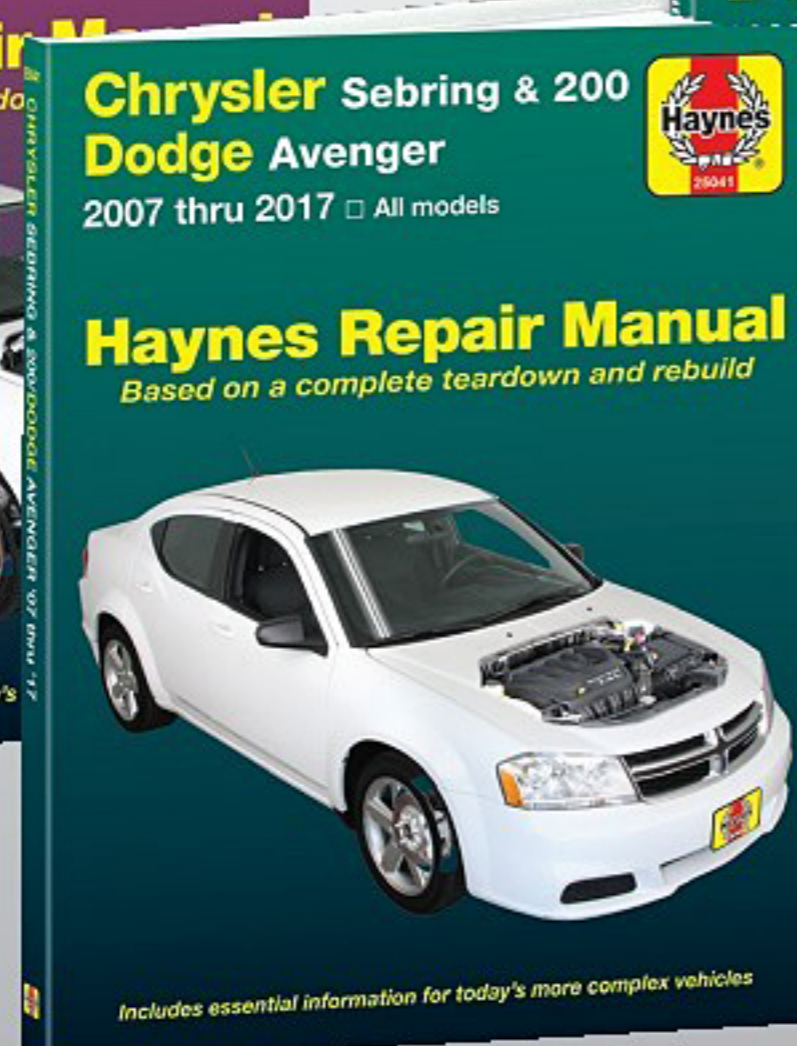
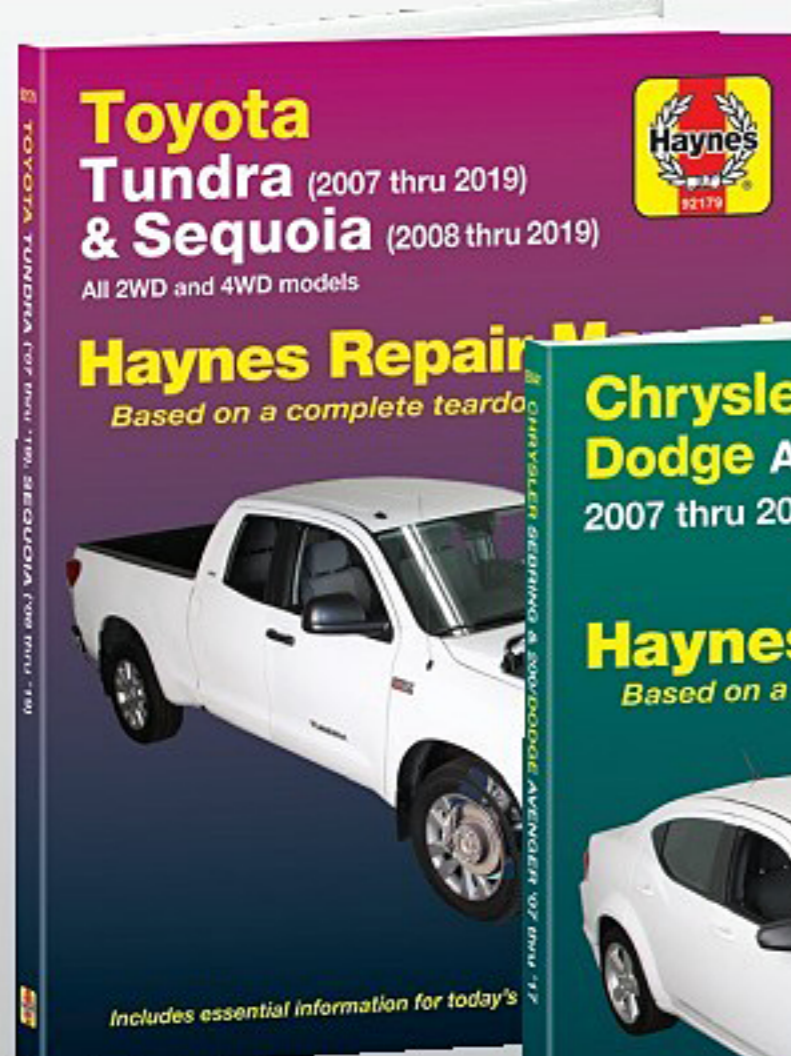
24044 Chevrolet Cruze, ('11-'19)  
 24081 Chevrolet Express & GMC Savana Vans ('96-'19)  
 25027 Chrysler 300 ('05-'18), Dodge Charger ('06-'18),  
 Magnum ('05-'08) & Challenger ('08-'18)  
 25041 Chrysler Sebring, 200 & Dodge Avenger ('07-'17)  
 36014 Ford Edge ('07-'19) & Lincoln MKX ('07-'18)  
 43010 Hyundai Elantra ('96-'19)  
 50026 Jeep Grand Cherokee ('05-'19) & Dodge Durango  
 ('11-'19)  
 50035 Jeep Liberty ('02-'12) & Dodge Nitro ('07-'11)  
 72080 Nissan Versa ('07-'19)  
 92037 Toyota Corolla ('03-'19), Matrix ('03-'14) & Pontiac  
 Vibe ('03-'10)  
 92095 Toyota Highlander ('01-'19) & Lexus RX  
 300/330/350 ('99-'19)  
 92179 Toyota Tundra ('07-'19) & Sequoia ('08-'19)



# Haynes Repair Manuals

## CONTENTS

- 2** Automotive Repair Manuals
- 11** **TECHBOOK** Series
- 12** Spanish Language Manuals
- 12** The Haynes Bicycle Book
- 13** Model-to-Manual Reference Listing







# Automotive Repair Manuals



Haynes offers the best print and online coverage for cars, trucks, vans and SUVs on the market today. Each manual is written and photographed from "hands-on" experience gained by a complete teardown and rebuild of the vehicle. The first Haynes manual was written this way over 55 years ago, and we continue to produce all manuals this way, making Haynes the world leader in automotive repair information.

## ACURA

- **12020 Integra & Legend**  
Integra ..... '86 thru '89  
Legend ..... '86 thru '90
- **12021 Integra & Legend**  
Integra ..... '90 thru '93  
Legend ..... '91 thru '95  
**Integra '94 thru '00 - see**  
Honda (42025)  
**MDX - see Honda Pilot (42037)**
- **12050 TL**  
All TL models ..... '99 thru '08

## AMC

- **Jeep C5 - see Jeep (50020)**
- **14025 Alliance & Encore**  
AMC/Renault Alliance & Encore  
gasoline engines ..... '83 thru '87

## AUDI

- **15020 4000**  
4000, 4000S, 4000 5+5 &  
Coupe ..... '80 thru '87
- **15025 5000....'77 thru '83**
- **15026 5000 '84 thru '88**  
5000S & Turbo, gasoline  
engine ..... '84 thru '88  
*Does not include Quattro.*
- **A4 '96 thru '01 - see VW Passatt**  
..... (96023)
- **15030 A4**  
A4 Sedan, Avant & Cabriolet  
..... '02 thru '08  
*Does not include diesel engine, S4 or  
RS4 model Information.*

## AUSTIN HEALEY

Sprite - see MG Midget (66015)

## BMW

- **18020 3/5 Series**  
318i ..... '84 thru '85  
325, 325e, 325es ..... '84 thru '88  
325i, 325is, 325ic ..... '87 thru '91  
525i ..... '89 thru '90  
528e ..... '82 thru '88  
533i ..... '83 thru '84  
535i, 535is ..... '85 thru '92  
*Does not include diesel engine or  
all-wheel drive models.*

- **18021 3-Series '92 thru '98**  
318i ..... '92 thru '98  
318is ..... '92 thru '97  
318i Convertible... '92, '94 thru '97  
318ti ..... '95 thru '98  
323is/323i Convertible.. '95 thru '98  
325i, 325is,  
325i Convertible ..... '92 thru '95  
328i, 328is,  
328i Convertible ..... '96 thru '98  
Z3 Roadster ..... '96 thru '98  
*Does not include information specific  
to M3 models.*
- **18022 3-Series & Z4 '99 thru '05**  
3-series E46 chassis .. '99 thru '05  
330ci Coupe & Convertible  
..... '06  
325ci Coupe & Convertible  
..... '06  
Z4 ..... '03 thru '05  
*Does not include the 318ti, 323is,  
328is, Z3, or information specific to M3  
models or all-wheel drive models.*
- **18023 3-Series E90-E93, F30 & F34  
Chassis, '06 thru '14**  
320i, 320xi ..... '12 thru '14  
325i, 325xi, 330i, 330xi '06  
328i & 328xi, ..... '07 thru '14  
*Does not include information specific  
to M3 models, 335i models, hybrid  
models, diesel models, 3.0L turbo-  
charged models, or 2006 325Ci/330Ci  
Coupe and Convertible models based  
on the E46 chassis. Also does not  
include information on the convertible  
top or rollover protections system.*
- **18025 320i '75 thru '83**  
320i 4-cyl.....'75 thru '83
- **18050 1500 thru 2002**  
BMW 1500, 1502, 1600, 1602,  
Touring & 2002 ..... '59 thru '77  
*Does not include 2002 turbo.*

## BUICK

- **Century '82 thru '96 - see**  
GM (38005)
- **19010 Century '97 thru '05**  
Buick Century ..... '97 thru '05
- **19020 Buick, Oldsmobile and  
Pontiac Full-size (FWD)**  
Buick Electra ('85 thru '90),  
LeSabre & Park Avenue;  
Oldsmobile Delta 88 Royale,  
Ninety-eight and Regency;  
Pontiac Bonneville ... '85 thru '05  
*Does not include diesel engine,  
supercharger info, or rear-wheel  
drive models.*
- **19025 Buick, Oldsmobile, Pontiac  
Full-size (RWD)**  
Buick  
Electra ..... '70 thru '84

- Estate ..... '70 thru '90
- Le Sabre ..... '70 thru '85
- Limited ..... '74 thru '79
- **Oldsmobile**  
Custom Cruiser ..... '70 thru '90
- Delta 88 ..... '70 thru '85
- Delta 88 Brougham ... '80 thru '85
- Delta 88 Royale ..... '70 thru '85
- Ninety-eight Luxury ... '70 thru '81
- Ninety-eight  
Regency ..... '73 thru '81
- Ninety-eight Regency  
Brougham ..... '82 thru '84
- **Pontiac**  
Bonneville ..... '70 thru '81
- Bonneville  
Brougham ..... '70 thru '81
- Catalina ..... '70 thru '81
- Grandville ..... '70 thru '75
- Parisienne ..... '83 thru '86  
*Does not include diesel engine, front-  
wheel drive models, turbo models or  
4.3L V6 information.*
- **19027 Buick LaCrosse, '05 thru '13**  
*Does not include information specific  
to eAssist models.*

## Enclave - see GM (38001)

Rainier - see Chevrolet (24072)

Regal - see GM (38010)

Riviera - see GM (38030, 38031)

Roadmaster - see Chevrolet  
(24046)

Skyhawk - see GM (38015)

Skylark - see GM (38025, 38020)

Somerset - see GM (38025)

## CADILLAC

- **21015 CTS & CTS-V '03 thru '14**  
CTS/CTS-V models ... '03 thru '14  
*Does not include information specific  
to All-Wheel Drive (AWD) or turbo-  
charged models.*
- **21030 Rear-wheel Drive**  
Models covered:  
Seville ..... '75 thru '79  
Brougham ..... '70 thru '93  
Coupe DeVille,  
Sedan DeVille ..... '70 thru '85  
*Does not include front-wheel drive or  
diesel engine information.*
- **Cimarron - see GM (38015)**
- **DeVille - see GM (38031, 38032)**
- **DTS - see GM (38032)**
- **Eldorado '71 thru '91 - see GM**  
(38030 & 38031)
- **Fleetwood - see GM (38031)**
- **Escalade - see Chevrolet (24068)**
- **Seville - see GM**  
(38030, 38031, 38032)





**CHEVROLET**

- 10305 **Chevrolet Engine Overhaul**  
*See Techbook Series, page 11.*
- 24010 **Astro & GMC Safari Mini-vans**  
Astro & GMC Safari . . . '85 thru '05  
*Does not include all-wheel drive.*
- 24013 **Aveo**  
All Aveo models . . . . . '04 thru '11  
**Beretta** - *see Corsica (24032)*
- 24015 **Camaro '70 thru '81**  
Camaro, Z28, Type LT, Rally Sport & Berlinetta, V8 engine . . '70 thru '81
- 24016 **Camaro '82 thru '92**  
Camaro Sport Coupe, Berlinetta & Z28 models . . . . . '82 thru '92
- 24017 **Camaro and Pontiac Firebird '93 thru '02**  
All Camaro and Pontiac Firebird models . . . . . '93 thru '02
- 24018 **Camaro**  
Camaro . . . . . '10 thru '15  
*Does not include information specific to Z28 models.*  
**Cavalier** - *see GM (38016)*  
**Celebrity** - *see GM (38005)*
- 24020 **Chevelle, Malibu & El Camino**  
Chevelle, Malibu & El Camino V6 & V8 gasoline models . . . '69 thru '87  
**Citation** - *see GM (38020)*  
**Cobalt** - *see GM (38017)*
- 24027 **Colorado & GMC Canyon '04 thru '12**  
Colorado & GMC Canyon, two- and four-wheel drive models with inline 4-cylinder, inline 5-cylinder and V8 engines . . . . . '04 thru '12
- 24032 **Corsica & Beretta**  
All Corsica & Beretta . . . '87 thru '96
- 24040 **Corvette '68 thru '82**  
All Corvette models . . . '68 thru '82
- 24041 **Corvette '84 thru '96**  
Corvette models with 350 V8 engines . . . . . '84 thru '96  
*Does not include ZR-1 information.*
- 24042 **Corvette**  
All Corvette models . . . '97 thru '13
- 24044 **Cruze**  
Cruze models . . . . . '11 thru '19  
*Does not include information specific to diesel engines.*
- Equinox** - *see GM (38040).*
- 24045 **Full-size Sedans**  
Caprice, Biscayne, Bel Air, Impala & Full-size wagons. V6 & V8 gasoline engines (For diesel engine, see Diesel Repair Manual, #10330, page 11) . . . . . '69 thru '90  
**HHR** - *see GM (38017)*
- 24046 **Impala SS & Caprice and Buick Roadmaster**  
Impala SS, Caprice and Buick Roadmaster . . . '91 thru '96  
*Does not include information specific to V6 models.*  
**Impala '00 thru '05** - *see Chevrolet Lumina (24048)*
- 24047 **Impala & Monte Carlo**  
Impala . . . . . '06 thru '11  
Monte Carlo . . . . . '06 and '07

- Lumina '90 thru '94 - *see GM (38010)*
- 24048 **Lumina, Monte Carlo & Impala**  
Lumina . . . . . '95 thru '01  
Monte Carlo . . . . . '95 thru '05  
Impala . . . . . '00 thru '05  
*Does not include rear-wheel drive  
Impala models or information specific to supercharged models.*  
**Lumina APV** - *see GM (38035)*
- 24050 **LUV Gas Pick-ups**  
LUV Gas Pick-ups....'72 thru '82
- Malibu '97 thru '03** - *see General Motors (38026)*  
**Malibu '04 thru '12** - *see General Motors (38027)*
- 24051 **Malibu '13 thru '19**
- 24055 **Monte Carlo '70 thru '88**  
Monte Carlo with V6, V8 & Turbo engines. . . . . '70 thru '88  
*Does not include diesel engine information.*  
**Monte Carlo '95 thru '08** - *see Chevrolet Impala (24047) and Lumina (24048)*
- 24059 **Nova**  
All Nova V8 models . . . '69 thru '79
- 24060 **Nova & Geo Prizm**  
Nova & Geo Prizm . . . . . '85 thru '92
- 24064 **Chevrolet & GMC Pick-ups '67 thru '87**  
All full-size inline 6-cyl, 4.3L V6 and V8 gasoline engines, 2-wheel drive & 4-wheel drive. (For diesel engine, see Diesel Repair Manual, #10330, page 11)  
Pick-ups . . . . . '67 thru '87  
Blazer, Jimmy & Suburban . . . . . '67 thru '91  
*Does not include information specific to diesel engines.*
- 24065 **Chevrolet & GMC Pick-ups '88 thru '98**  
All full-size (C & K) gasoline models (For diesel engine, see Diesel Repair Manual, #10330, page 11).  
Pick-ups . . . . . '88 thru '98  
C/K Classic . . . . . '99 and '00  
Blazer & Jimmy . . . . . '92 thru '94  
Suburban . . . . . '92 thru '99  
Tahoe . . . . . '95 thru '99  
Yukon . . . . . '92 thru '99  
Yukon Denali . . . . . '00  
*Does not include information specific to diesel engines.*
- 24066 **Silverado & GMC Sierra Pick-ups '99 thru '06**  
Gasoline models:  
Silverado & Sierra . . . . . '99 thru '06  
Silverado Classic, Sierra Classic & Sierra Denali Classic . . '07  
Suburban, Tahoe, Yukon, Yukon XL . . . . . '00 thru '06  
Yukon Denali . . . . . '01 thru '06  
Avalanche . . . . . '02 thru '06  
*Does not include 1999 & 2000 C/K Classic & Sierra Classic, diesel, 8.1L engine, CNG, hybrids, or models equipped with rear-wheel steering. (For diesel engine information, see Duramax Diesel Engine Techbook, #10331, page 11)*

- 24067 **Silverado & GMC Sierra Pick-ups '07 thru '14**  
*Gasoline models:*  
Silverado, GMC Sierra/Sierra Denali (1500 models). . . . . '07 thru '13  
2500 HD & 3500 Silverado & GMC Sierra . . . . . '07 thru '14  
Avalanche, Suburban, Tahoe, GMC Yukon/Yukon XL/Yukon Denali . . . . . '07 thru '14  
*Does not include 2007 Silverado Classic, Sierra Classic, Sierra Denali Classic or information specific to diesel engine models, CNG models, hybrids or models equipped with rear-wheel steering. (For diesel engine information, see Duramax Diesel Engine Techbook, #10331, page 11)*
- 24068 **Chevrolet Silverado & GMC Sierra Pick-ups '14 thru '16**  
1500 models . . . . . '14 thru '16  
2500/3500 models . . . . . '15 thru '16  
Suburban, Tahoe, Yukon, Yukon XL & Cadillac Escalade . . . '15 thru '16  
*Does not include 2014 Chevrolet Silverado/GMC Sierra 2500/3500 models, 2014 SUV models, or information specific to diesel engine models.*
- 24070 **S-10 & GMC S-15 Pick-ups, & Olds Bravada '82 thru '93**  
All S-10, GMC S-15 and Sonoma pick-ups . . . . . '82 thru '93  
S-10 Blazer & S-15 Jimmy . . . . . '83 thru '94  
Olds Bravada . . . . . '91 thru '94  
*Does not include Typhoon and Syclone models or diesel engine information.*
- 24071 **S-10 & GMC Sonoma Pick-ups '94 thru '05**  
S-10 & Sonoma . . . . . '94 thru '04  
Chevrolet Blazer & GMC Jimmy . . . . . '95 thru '05  
GMC Envoy . . . . . '98 thru '01  
Oldsmobile Bravada . . . '96 thru '01  
Isuzu Hombre . . . . . '96 thru '00  
*Does not include Chevrolet Colorado or GMC Canyon pick-ups*
- 24072 **Trailblazer, GMC Envoy, Olds Bravada & Buick Rainier**  
Trailblazer, Trailblazer EXT, GMC Envoy, Envoy XL, Oldsmobile Bravada & Buick Rainier, 2WD and 4WD models with 4.2L inline 6-cylinder, 5.3L V8 & 6.0L V8 engines . . . . . '02 thru '09
- Traverse** - *see GM (38001)*
- 24075 **Sprint & Geo Metro**  
All Sprint & Geo Metro models (except Turbo) . . . . . '85 thru '01
- 24080 **Full-size Vans '68 thru '96**  
Full-size Chevrolet & GMC vans with 6-cyl inline, 4.3L V6, and V8 gasoline engines (For diesel engine, see Diesel Repair Manual, #10330, page 11) . . . . . '68 thru '96  
*Does not include 454 engine or diesel engine information. Also does not include 1996 Express and Savana models.*
- 24081 **Full-size Express & GMC Savana Vans '96 thru '19**  
Express & GMC Savana full-size vans with gasoline engines . . . . . '96 thru '19  
*Does not include information specific to all-wheel drive, diesel or 8.1L engines.*

Color indicates new and updated titles now shipping





Venture - see GM (38036)

CHRYSLER

300 - see Chrysler (25026, 25027) & Dodge RWD (30050)

10310 Chrysler Engine Overhaul See Techbook Series, page 11.

Fifth Avenue - see Dodge RWD (30050)

25015 Cirrus, Dodge Stratus & Plymouth Breeze Cirrus, Dodge Stratus & Plymouth Breeze models '95 thru '00

Cordoba - see Dodge (30050)

25025 LHS, Concorde, New Yorker, Dodge Intrepid & Eagle Vision '93 thru '97 "LH" platform models '93 thru '97

25026 LHS, Concorde, 300M & Dodge Intrepid '98 thru '04 "LH" platform models '98 thru '04

25027 300, Dodge Charger, Magnum & Challenger Chrysler 300 '05 thru '18 Dodge Charger '06 thru '18 Dodge Magnum '05 thru '08 Dodge Challenger '08 thru '18 Does not include information specific to diesel engine, all-wheel drive models or Hellcat/Demon models.

K-Cars - see Dodge Aries & Plymouth Reliant (30008)

Laser - see Dodge Daytona & Chrysler Laser (30030)

LeBaron - see Dodge RWD (30050) for '71 thru '81

25030 Mid-Size Front-Wheel Drive Chrysler LeBaron Sedan '82 thru '89 Chrysler LeBaron coupe & convertible, LeBaron GTS, E Class, New Yorker (4-cyl), Dodge 400 & 600, Lancer and Plymouth Caravelle with 2.2, 2.5 and 2.6 liter engines '82 thru '95

Newport - see Dodge (30050)

New Yorker - see Dodge RWD (30050) for '71 thru '82;

25035 PT Cruiser All PT Cruiser models '01 thru '10

25040 Sebring and Dodge Stratus & Avenger Sebring convertible & sedan '95 thru '06 Sebring coupe '95 thru '05 Stratus coupe '01 thru '05 Stratus sedan '01 thru '06 Avenger '95 thru '00 Does not include information specific to Flexible Fuel Vehicles.

25041 Sebring and Dodge Avenger Sebring Sedan '07 thru '10 Sebring Convertible '08 thru '10 200 '11 thru '17 Dodge Avenger '08 thru '14

Town & Country Station Wagon - see Dodge (30050)

Town & Country - see Dodge Caravan (30010, 30011, 30013, 30014)

Voyager - see Dodge Caravan (30013)

DATSUN

28005 200SX '80 thru '83

28012 240Z, 260Z & 280Z 240Z, 260Z, 280Z '70 thru '78

28014 280ZX 280ZX '79 thru '83

300ZX - see NISSAN (72010)

28018 510 & PL521 Pick-up '68 thru '73

28020 510 510 models '78 thru '81

720 Series Pick-up - see Nissan (72030)

28022 620 Series Pick-up '73 thru '79

28025 810/Maxima 810 & Maxima Sedan, gasoline models '77 thru '84

Pulsar - see Nissan (72040)

Sentra - see Nissan (72050)

Stanza - see Nissan (72060)

DODGE

400 & 600 - see Chrysler Mid-size (25030)

30008 Aries & Plymouth Reliant All Dodge Aries & Plymouth Reliant K-cars '81 thru '89

Avenger - see Chrysler Sebring (25040 & 25041)

30010 Caravan, Plymouth Voyager & Chrysler Town & Country Mini-Vans '84 thru '95 Dodge Caravan, Mini Ram Van, Plymouth Voyager & Chrysler Town & Country Mini-Vans '84 thru '95

30011 Caravan, Plymouth Voyager & Chrysler Town & Country Mini-Vans '96 thru '02 Dodge Caravan, Plymouth Voyager and Chrysler Town & Country '96 thru '02 Does not include information on all-wheel drive or alternative fuel models. Includes Grand Caravan.

Charger - see Chrysler 300 (25027)

30012 Challenger & Plymouth Sapporo '78 thru '83

30013 Caravan, Chrysler Voyager and Town & Country '03 thru '07 Dodge Caravan, Chrysler Voyager and Town & Country '03 thru '07 Does not include information specific to all-wheel drive or diesel engine models.

30014 Grand Caravan & Chrysler Town & Country '08 thru '18 Includes Caravan Cargo. Does not include information specific to all-wheel drive or diesel engine models.

30016 Colt & Plymouth Champ '78 thru '87

30020 Dakota Pick-ups All Dakota Pick-ups '87 thru '96

30021 Durango & Dakota '97 thru '99 Durango '98 and '99 Dakota Pick-ups '97 thru '99

30022 Durango '00 thru '03 & Dakota '00 thru '04 Durango '00 thru '03 Dakota Pick-up '00 thru '04

30023 Durango '04 thru '09 & Dakota '05 thru '11 Durango '04 thru '09 Dakota Pick-up '05 thru '11 Does not include information specific to hybrid models.

30025 Dart & Plymouth Valiant Dodge Dart, Demon, Plymouth Valiant, Duster & Barracuda ('67 thru '69) 6-cyl engines '67 thru '76 #30050 Dodge RWD supersedes book #30025 for coverage of years '71 thru '76

30030 Daytona & Chrysler Laser All Dodge Daytona & Chrysler Laser 2.2 and 2.5 liter engines '84 thru '89

Intrepid - see Chrysler Concord (25025 & 25026)

Lancer - see Chrysler Mid-size (25030)

Magnum - see Chrysler 300 (25027)

30034 Dodge/Plymouth Neon '95 thru '99 All Dodge & Plymouth Neon models '95 thru '99

30036 Dodge/Plymouth Neon '00 thru '05 Dodge & Plymouth Neon '00 thru '05 Does not include information specific to SRT-4 models.

30040 Pick-ups '74 thru '93 Full-size pick-ups, Ramcharger & Trailduster '74 thru '93 Does not include diesel engines.

30042 Pick-ups '94 thru '08 1500/2500/3500 '94 thru '08 V6, V8 & V10 gasoline engines & Cummins turbo-diesel engine, 2WD & 4WD Does not include information specific to SRT-10 models

30043 Ram Pick-ups '09 thru '18 Does not include information specific to 2009 fleet models equipped with the 5.9L diesel engine or models equipped with the 3.0L V6 diesel engine.

30045 Ram 50/D50 Pick-up & Raider and Plymouth Arrow Pick-up Dodge & Plymouth models '79 thru '93 Does not include diesel engines.

30050 Dodge/Plymouth/Chrysler Rear-Wheel Drive In-line 6 cylinder and V8 models '71 thru '89 Chrysler LeBaron '71 thru '81 New Yorker '71 thru '82 Fifth Avenue '83 thru '89 Town-and-Country '71 thru '78 Newport, Cordoba & 300 '71 thru '89 Dodge Challenger '71 thru '74 Charger, Monaco & Royal Monaco '71 thru '78 Dart, Demon, Aspen, Diplomat, Mirada, Coronet, Magnum, St. Regis & Polara '71 thru '89





**Plymouth**

Duster ..... '71 thru '80  
 Caravelle ..... '77 thru '81  
 Valiant, Barracuda, Volare, Road  
 Runner, Fury, Satellite, GTX &  
 Sebring ..... '71 thru '89  
*Not including 426 (Hemi) engines, 3x2  
 bbl. carburetor setups (Six-pak), fuel  
 injection or front-wheel drive models.*

**30055 Shadow & Plymouth  
 Sundance and Duster**  
 Dodge Shadow and Plymouth  
 Sundance & Duster .. '87 thru '94  
*Does not include flexible fuel model  
 information.*

**30060 Spirit & Plymouth Acclaim**  
 Dodge Spirit & Plymouth  
 Acclaim ..... '89 thru '95  
*Does not include flexible fuel model  
 information.*

**Stratus** - see Chrysler  
 (25015 & 25040)

- 30065 Dodge & Plymouth Vans**  
 Full-size Dodge Tradesman,  
 Sportsman & Plymouth Voyager  
 Vans ..... '71 thru '03  
*Does not include information specific to  
 CNG models.*

**EAGLE**

**Talon** - see Mitsubishi  
 Eclipse (68030 & 68031)

**Vision** - see Chrysler (25025)

**FIAT**

**34010 124 Sport Coupe & Spider**  
 All Fiat 124 Sport Coupe &  
 Spider ..... '68 thru '78

- 34025 X 1/9....'74 thru '80**

**FORD**

**10320 Ford Engine Overhaul Manual**  
 See Techbook Series, page 11.

**10355 Ford Automatic Transmission**  
 See Techbook Series, page 11.

- 11500 Ford Mustang Restoration Guide**  
 All Models ..... '64<sup>1/2</sup> thru '70

**36004 Aerostar Mini-vans**  
 Aerostar Mini-vans, two-wheel drive  
 models ..... '86 thru '97

**Aspire** - see Ford Festiva (36030)

- 36006 Contour & Mercury Mystique**  
 Ford Contour & Mercury  
 Mystique ..... '95 thru '00

- 36008 Courier Pick-up**  
 Courier Pick-up ..... '72 thru '82

- 36012 Crown Victoria/  
 Mercury Grand Marquis**  
 All fuel-injected Ford Crown Victoria  
 and Mercury Grand  
 Marquis ..... '88 thru '11  
*Does not include Mercury Marauder,  
 5.8L V8 engine information or information  
 specific to natural gas-fueled models.*

- 36014 Edge & Lincoln MKX  
 '07 thru '19**  
 Edge ..... '07 thru '19  
 Lincoln MKX ..... '07 thru '18

- 36016 Escort & Mercury Lynx  
 '81 thru '90**  
 All Ford Escort & Mercury  
 Lynx ..... '81 thru '90

- 36020 Escort & Mercury Tracer  
 '91 thru '02**  
 Ford Escort & Mercury  
 Tracer ..... '91 thru '02

- 36022 Escape, Mazda Tribute &  
 Mercury Mariner**  
 Ford Escape ..... '01 thru '17  
 Mazda Tribute ..... '01 thru '11  
 Mercury Mariner ..... '05 thru '11  
*Does not include information specific to  
 hybrid models.*

**Excursion** - see Ford (36060)

**Expedition** - see Ford (36059)

- 36024 Explorer & Mazda Navajo  
 '91 thru '01**  
 Ford Explorer, Mazda  
 Navajo ..... '91 thru '01  
 Mercury Mountaineer... '97 thru '01  
 Explorer Sport ..... '00 thru '03  
 Explorer Sport Trac ... '01 thru '05

- 36025 Explorer & Mercury  
 Mountaineer '02 thru '10**  
 Ford Explorer & Mercury  
 Mountaineer ..... '02 thru '10  
*See Ford Explorer manual #36024 for  
 Explorer Sport and Sport Trac models.*

- 36026 Explorer '11 thru '17**  
 Ford Explorer.....'11 thru '17  
*Does not include information specific to  
 Police Interceptor models.*

- 36028 Fairmont & Mercury Zephyr**  
 All Ford Fairmont & Mercury  
 Zephyr ..... '78 thru '83

**36030 Festiva & Aspire**  
 Festiva ..... '88 thru '93  
 Aspire ..... '94 thru '97

**Five Hundred** - see Ford (36076)

- 36032 Fiesta '77 thru '80**

- 36034 Focus**  
 Focus models ..... '00 thru '11  
*Does not include information specific to  
 SVT or rear disc brake models.*

- 36035 Focus**  
 Focus ..... '12 thru '14  
*Does not include information specific to  
 Focus Electric models.*

**Freestar**  
 see Ford Windstar (36097)

**36036 Ford & Mercury Full-size**  
 Ford LTD & Mercury  
 Marquis ..... '75 thru '82  
 Ford Custom 500, Country Squire,  
 Crown Victoria & Mercury  
 Colony Park ..... '75 thru '87  
 Ford LTD Crown Victoria & Mercury  
 Grand Marquis ..... '83 thru '87

**36044 Ford & Mercury Mid-size**  
 Ford Thunderbird & Mercury  
 Cougar ..... '75 thru '82  
 Ford LTD & Mercury  
 Marquis ..... '83 thru '86  
 Ford Torino, Gran Torino, Elite,  
 Ranchero pick-up, LTD II,  
 Mercury Montego, Comet  
 ..... '75 thru '86  
 Lincoln Versailles ..... '77 thru '80

- 36045 Fusion & Mercury Milan**  
 Fusion ..... '06 thru '14  
 Mercury Milan ..... '06 thru '11  
*Does not include information specific to  
 hybrid models.*

**36048 Mustang V8**  
 All Mustang, Mach 1, GT, Shelby &  
 Boss V8 models ..... '64 thru '73

- 36050 Mustang & Mercury Capri**  
 Ford Mustang, Ghia & Cobra,  
 Mercury Capri, Ghia & RS. In-line  
 4-cyl & 6-cyl, V6 & V8 engines  
 including Turbo  
 Mustang ..... '79 thru '93  
 Capri ..... '79 thru '86

- 36051 Mustang '94 thru '04**  
 Mustang models ..... '94 thru '04  
*Does not include information on  
 independent rear suspension/driveaxles  
 on 1999 and later Cobra models or  
 information on the 2003 and  
 2004 Cobra models.*

- 36052 Mustang '05 thru '14**  
 Mustang models ..... '05 thru '14  
*Does not include information specific  
 to Shelby GT500 Cobra models or  
 Boss 302 models.*

- 36054 Pick-ups & Bronco '73 thru '79**  
 All full-size pick-ups F-100 thru  
 F-350 & Bronco ..... '73 thru '79

- 36058 Pick-ups & Bronco '80 thru '96**  
 All full-size pick-ups F-100 thru  
 F-350 & Bronco. V6 & V8 gasoline  
 engines ..... '80 thru '96  
 F-250HD & F-350 ..... '97  
*(For diesel engine, see Diesel  
 Techbook, #10330) Does not include  
 diesel engine or Super Duty vehicle  
 information.*

- 36059 Ford Pick-ups '97 thru '14 &  
 Expedition '97 thru '17**  
 2WD & 4WD gasoline models. (For  
 diesel engine, see Diesel Repair Manual,  
 #10330, page 11).  
 F-150 ..... '97 thru '03  
 F-150 Heritage ..... '04  
 F-250 ..... '97 thru '99  
 Expedition ..... '97 thru '17  
 Lincoln Navigator ..... '98 thru '17  
*Does not include diesel engine, F-250  
 HD, Super Duty, F-350 or information  
 specific to Lightning or other super-  
 charged models.*

- 36060 Super-Duty Pick-up & Excursion**  
 All Super-Duty F-250, F-350 &  
 Excursion models. Gasoline and  
 diesel engines ..... '99 thru '10  
*Does not include F-450 or F-550 models.*

- 36064 Super-Duty Pick-ups**  
 All Super-Duty F-250 & F-350  
 models. 2WD & 4WD gasoline &  
 diesel engines ..... '11 thru '16  
*Does not include F-450 or F-550  
 models.*

- 36061 Pick-ups '04 thru '14**  
 Full-size F-150 pick-up.  
 2WD & 4WD with gasoline  
 engines ..... '04 thru '14  
*Does not include F-250, Super Duty or  
 diesel models. Does not include informa-  
 tion specific to F-150 Heritage, Lightning  
 or Raptor models.*

- 36063 Pick-ups '15 thru '17**  
 Full-size F-150 ..... '15 thru '17  
*Does not include F-250 or Super Duty  
 models.*

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FORD (CONTINUED)

- 36062 **Pinto & Mercury Bobcat**  
Pinto & Bobcat . . . . . '75 thru '80
- 36066 **Probe '89 thru '92**  
All models including  
Turbo . . . . . '89 thru '92
- Probe '93 thru '97 - see Mazda 626 (61042)**
- 36070 **Ranger Pick-ups & Bronco II '83 thru '92**  
Ranger Pick-up & Bronco II models, 2WD & 4WD, 4-cyl & 6-cyl engines (except diesel) . . . . . '83 thru '92
- 36071 **Ranger Pick-ups '93 thru '11**  
All Ranger Pick-ups . . '93 thru '11  
Mazda B2300, B2500, B3000 & B4000 . . . . . '94 thru '09
- 36074 **Taurus & Mercury Sable '86 thru '95**  
Taurus & Mercury Sable models . . . . . '86 thru '95  
*Does not include information specific to SHO or variable fuel models.*
- 36075 **Taurus & Mercury Sable '96 thru '07**  
Taurus & Mercury Sable . . . . . '96 thru '07  
*Does not include information specific to SHO or E85 vehicles.*
- 36076 **Taurus, Five Hundred & Mercury Montego & Sable**  
Taurus. . . . . '08 thru '14  
Five Hundred . . . . . '05 thru '07  
Mercury Montego. . . . '05 thru '07  
Mercury Sable . . . . . '08 thru '09  
*Does not include information specific to 3.5L twin turbo or police models.*
- 36078 **Tempo & Mercury Topaz**  
Tempo & Topaz . . . . . '84 thru '94
- 36086 **Thunderbird & Mercury Cougar '89 thru '97**  
All Thunderbird & Mercury Cougar models . . . . . '89 thru '97
- 36090 **Vans '69 thru '91**  
All full-size Econoline vans E-100 thru E-350, gasoline engines. (For diesel engine, see Diesel Repair Manual, #10330, page 11) . . . . '69 thru '91
- 36094 **Vans '92 thru '14**  
Full-size E-150 thru E-350 Econoline vans with gasoline engines. . . . . '92 thru '14  
*Does not include diesel engine, compressed natural gas (CNG) or commercial chassis information.*
- 36097 **Windstar & Freestar Mini-Vans**  
Windstar Mini-Vans . . . '95 thru '03  
Freestar & Mercury Monterey . . . . . '04 thru '07

GENERAL MOTORS

- 10360 **GM Automatic Transmissions**  
*See Techbook Series, page 11.*
- 38001 **GMC Acadia, Buick Enclave, Saturn Outlook & Chevrolet Traverse**  
GMC Acadia. . . . . '07 thru '16  
Buick Enclave. . . . . '08 thru '17  
Saturn Outlook. . . . . '07 thru '10  
Chevrolet Traverse. . . . '09 thru '17

- 38005 **Buick Century, Chevrolet Celebrity, Oldsmobile Ciera, Cutlass Cruiser & Pontiac 6000**  
Front-wheel drive Chevrolet Celebrity, Buick Century, Oldsmobile Ciera, Cutlass Cruiser & Pontiac 6000 . . . . . '82 thru '96  
*Does not include information on diesel engines or 4WD models.*
- 38010 **Buick Regal, Chevrolet Lumina, Oldsmobile Cutlass Supreme & Pontiac Grand Prix**  
Front-wheel drive models.  
Buick Regal . . . . . '88 thru '04  
Olds Cutlass Supreme '88 thru '97  
Pontiac Grand Prix . . . '88 thru '07  
Chevrolet Lumina . . . . '90 thru '94
- 38015 **Buick Skyhawk, Cadillac Cimarron, Chevrolet Cavalier, Oldsmobile Firenza, Pontiac J-2000 & Sunbird**  
All front-wheel drive Chevrolet Cavalier, Pontiac J-2000 & Sunbird, Olds Firenza, Buick Skyhawk & Cadillac Cimarron . . . . '82 thru '94
- 38016 **Chevrolet Cavalier, & Pontiac Sunfire**  
All Chevrolet Cavalier & Pontiac Sunfire models. . . . . '95 thru '05
- 38017 **Chevrolet Cobalt & HHR, Pontiac G5 & Pursuit & Saturn ION**  
Chevrolet Cobalt . . . . '05 thru '10  
Chevrolet HHR . . . . . '06 thru '11  
Pontiac G5 . . . . . '07 thru '09  
Pontiac Pursuit . . . . . '05 thru '06  
Saturn ION . . . . . '03 thru '07
- 38020 **Buick Skylark, Chevrolet Citation, Oldsmobile Omega & Pontiac Phoenix '80 thru '85**
- 38025 **Buick Skylark & Somerset, Oldsmobile Achieva, Calais & Pontiac Grand Am**  
Buick Skylark . . . . . '86 thru '98  
Buick Somerset . . . . . '85 thru '87  
Oldsmobile Achieva . . . '92 thru '98  
Oldsmobile Calais . . . . '85 thru '91  
Pontiac Grand Am . . . . '85 thru '98  
*Includes Pontiac 2.3L (Quad 4) info.*
- 38026 **Chevrolet Malibu, Oldsmobile Alero & Cutlass, and Pontiac Grand Am**  
Chevrolet Malibu . . . . '97 thru '03  
Chevrolet Classic . . . . '04 thru '05  
Oldsmobile Alero . . . . '99 thru '03  
Oldsmobile Cutlass . . . '97 thru '00  
Pontiac Grand Am . . . . '99 thru '03
- 38027 **Chevrolet Malibu, Pontiac G6 & Saturn Aura**  
Chevrolet Malibu . . . . '04 thru '12  
Pontiac G6 . . . . . '05 thru '10  
Saturn Aura . . . . . '07 thru '10  
*Does not include '04 & '05 Chevrolet Classic models or information specific to hybrid models.*
- 38030 **Cadillac Eldorado, Seville, Oldsmobile Toronado & Buick Riviera**  
Cadillac Eldorado . . . . '71 thru '85  
Seville . . . . . '80 thru '85  
Olds Toronado . . . . . '71 thru '85  
Buick Riviera . . . . . '79 thru '85  
*Does not include diesel engine information.*

- 38031 **Cadillac Eldorado, Seville, DeVille, Buick Riviera & Oldsmobile Toronado**  
Cadillac Eldorado & Seville. . . . . '86 thru '91  
Cadillac DeVille FWD . . '86 thru '93  
Cadillac Fleetwood FWD '86 thru '92  
Olds Toronado . . . . . '86 thru '92  
Buick Riviera . . . . . '86 thru '93
- 38032 **Cadillac DeVille, Seville & DTS**  
Cadillac Seville. . . . . '92 thru '04  
Cadillac DeVille . . . . . '94 thru '05  
DTS . . . . . '06 thru '10
- 38035 **Chevrolet Lumina APV, Oldsmobile Silhouette & Pontiac Trans Sport**  
Chevrolet Lumina APV, Oldsmobile Silhouette & Pontiac Trans Sport . . . . . '90 thru '96
- 38036 **Chevrolet Venture, Oldsmobile Silhouette, Pontiac Trans Sport & Montana**  
Chevrolet Venture. . . . '97 thru '05  
Oldsmobile Silhouette . '97 thru '04  
Pontiac Trans Sport . . . '97 thru '98  
Montana . . . . . '99 thru '05
- Full-size Rear-Wheel Drive - see Buick Full-size Rear-Wheel Drive (19025)**
- 38040 **Chevrolet Equinox, GMC Terrain & Pontiac Torrent '05 thru '17**  
Chevrolet Equinox.....'05 thru '17  
GMC Terrain.....'10 thru '17  
Pontiac Torrent.....'06 thru '09

GEO

- Metro - see Chevrolet Sprint (24075)**
- Prizm - '85 thru '92 see Chevrolet Nova (24060), '93 thru '01 see Toyota Corolla (92036)**
- 40030 **Storm '90 thru '93**
- Tracker - see Suzuki (90010)**

GMC

- Acadia - see GM (38001)**
- Pick-ups - see Chevrolet (24027, 24064, 24065, 24066, 24067, 24068, 24070, 24071 and 24072)**
- Safari - see Chevrolet Astro (24010)**
- Terrain - see GM (38040)**
- Vans - see Chevrolet Vans (24080 and 24081)**

HONDA

- 42011 **Accord**  
All 1.8, 1.8 LX & 1.8 SEi models.....'84 thru '89
- 42012 **Accord '90 thru '93**  
All Accord models . . . . '90 thru '93
- 42013 **Accord '94 thru '97**  
All Accord models . . . . '94 thru '97
- 42014 **Accord '98 thru '02**  
All Accord models . . . . '98 thru '02





- **42015 Accord '03 thru '12 and Crosstour '10 thru '14**  
Accord models . . . . . '03 thru '12  
Crosstour models . . . . . '10 thru '14  
*Does not include information specific to hybrid or All-Wheel Drive models.*
- **42016 Accord '13 thru '17**  
Accord models . . . . . '13 thru '17  
*Does not include information specific to hybrid models.*
- **42020 Civic 1200....'73 thru '79**
- **42021 Civic 1300 & 1500 CVCC**  
All models . . . . . '80 thru '83
- **42022 Civic 1500 CVCC**  
All Civic 1500 CVCC . . '75 thru '79
- **42023 Civic & CRX '84 thru '91**  
Civic & CRX . . . . . '84 thru '91
- **42024 Civic & del Sol '92 thru '95**  
All models with a single overhead camshaft (SOHC) engine . . . . . '92 thru '95
- **42025 Civic '96 thru '00, CR-V '97 thru '01 & Acura Integra '94 thru '00**  
Honda Civic . . . . . '96 thru '00  
Honda CR-V . . . . . '97 thru '01  
Acura Integra . . . . . '94 thru '00
- **42026 Civic '01 thru '11 and CR-V '02 thru '11**  
Honda Civic . . . . . '01 thru '11  
Honda CR-V . . . . . '02 thru '11  
*Does not include information specific to CNG or hybrid models.*  
**Crosstour - see Honda (42015)**
- **42027 Civic '12 thru '15 & CR-V '12 thru '16**  
*Does not include information specific to CNG or hybrid models.*
- **42030 Fit**  
Fit models . . . . . '07 thru '13  
*Does not include information specific to Fit EV models.*
- **42035 Odyssey**  
All Odyssey models . . '99 thru '10  
**Passport - see Isuzu (47017)**
- **42037 Pilot '03 thru '08, Ridgeline '06 thru '14 & Acura MDX '01 thru '07**  
Pilot . . . . . '03 thru '08  
Ridgeline . . . . . '06 thru '14  
Acura MDX . . . . . '01 thru '07
- **42040 Prelude CVCC**  
All Prelude CVCC models . . . . . '79 thru '89

**Ridgeline - see Honda (42037)**

**HYUNDAI**

- **43010 Elantra**  
All Elantra models . . . . '96 thru '19  
*Does not include information specific to hybrid models.*
- **43015 Excel & Accent**  
All Excel & Accent models . . . . . '86 thru '13
- **43050 Santa Fe**  
All Santa Fe models . . . '01 thru '12
- **43055 Sonata**  
Sonata models . . . . . '99 thru '14  
*Does not include information specific to hybrid models.*

**INFINITI**

**G35 - see Nissan 350Z (72011)**

**ISUZU**

- Hombre - see Chevy S-10 (24071)**
- **47017 Rodeo, Amigo & Honda Passport**  
Isuzu Rodeo . . . . . '91 thru '02  
Isuzu Amigo . . . . . '89 thru '94  
Isuzu Amigo . . . . . '98 thru '02  
Honda Passport . . . . . '95 thru '02
- 47020 Trooper & Pick-up**  
Troopers & Pick-ups with gasoline engines  
Pick-up . . . . . '81 thru '93  
Trooper . . . . . '84 thru '91

**JAGUAR**

- 49011 XJ6 '88 thru '94**  
XJ6, Vanden Plas & Sovereign models . . . . '88 thru '94
- **49015 XJ12 & XJS**  
XJ12, XJS, XJSC Cabriolet & Series 1, 2 & 3 . . . . . '72 thru '85

**JEEP**

- **50010 Cherokee, Comanche & Wagoneer**  
Cherokee, Comanche & Wagoneer Limited, 2WD and 4WD, gasoline engines . . . . . '84 thru '01  
*Does not include Grand Wagoneer or diesel engine information*
- **50011 Cherokee '14 thru '19 New!**
- 50020 CJ**  
All CJ models, Scrambler, Renegade, Laredo & Golden Eagle . . . . . '49 thru '86
- **50025 Grand Cherokee**  
All Grand Cherokee models . . . . . '93 thru '04
- **50026 Grand Cherokee & Dodge Durango**  
Grand Cherokee . . . . . '05 thru '19  
Dodge Durango . . . . . '11 thru '19  
*Does not include information specific to diesel engine models or 6.2L super-charged models.*
- 50029 Wagoneer, Grand Wagoneer, Cherokee & Pick-ups**  
Wagoneer . . . . . '72 thru '83  
Grand Wagoneer . . . . . '84 thru '91  
Cherokee . . . . . '72 thru '83  
J-Series Pick-ups . . . . '72 thru '88  
*Does not include 1984 and later Comanche Pick-up models.*
- **50030 Wrangler**  
Wrangler 4-cyl & 6-cyl, 4WD . . . . . '87 thru '17  
*Does not include information specific to diesel engine models.*
- **50035 Liberty & Dodge Nitro**  
Liberty. . . . . '02 thru '12  
Dodge Nitro. . . . . '07 thru '11  
*Does not include information specific to diesel models.*
- **50050 Patriot & Compass '07 thru '17**  
All Patriot & Compass models '07 thru '17

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**KIA**

- **54050 Optima**  
All Optima models . . . . '01 thru '10
- **54060 Sedona**  
All Sedona models . . . . '02 thru '14
- **54070 Sephia, Spectra & Sportage**  
Sephia . . . . . '94 thru '01  
Spectra . . . . . '00 thru '09  
Sportage . . . . . '05 thru '10
- **54077 Sorento '03 thru '13**  
All Sorento models . . . . '03 thru '13

**LEXUS**

**ES 300/330 - see Toyota Camry (92007, 92008)**  
**ES 350 - see Toyota (92009)**  
**RX-300/330/350 - see Toyota Highlander (92095)**

**LINCOLN**

**MKX - see Ford (36014)**  
**Navigator - see Ford Pick-up & Lincoln Navigator (36059)**

- **59010 Rear Wheel drive**  
Continental . . . . . '70 thru '87  
Mark Series . . . . . '70 thru '92  
Town Car . . . . . '81 thru '10  
*Does not include Versailles models, V6 or diesel information.*

**MAZDA**

- **61010 GLC (rear-wheel drive)**  
All models....'77 thru '83
- **61012 Mazda3**  
Mazda3 . . . . . '04 thru '11  
*Does not include information specific to all-wheel drive or turbocharged models.*
- **61015 323 & Protegé**  
323 & Protegé . . . . . '90 thru '03  
*Does not include information specific to 4WD or turbocharged models.*
- **61016 MX-5 Miata**  
All MX-5 Miata models '90 thru '14  
*Does not include information specific to turbocharged models.*
- **61020 MPV**  
All MPV models . . . . . '89 thru '98  
**Navajo - see Ford Explorer (36024)**
- 61030 Pick-ups '72-'93**  
All pick-ups with gasoline engines . . . . . '72 thru '93  
**Pick-ups '94-'09 - see Ford Ranger (36071)**
- 61035 RX-7 Rotary '79 thru '85**  
All RX-7, GS, GSL & GSL-SE . . . . . '79 thru '85
- 61036 RX-7 Rotary '86 thru '91**  
All RX-7 models including Turbo . . . . . '86 thru '91  
**Tribute - see Ford Escape (36022)**
- **61040 626 (rear-wheel drive)**  
All 626 Sedan & Sport Coupe rear-wheel drive models . . . '79 thru '82





MAZDA (CONTINUED)

- 61041 **626 & MX-6 '83 thru '92 (front-wheel drive)**  
All 626 and MX-6 front-wheel drive gasoline models . . . . . '83 thru '92  
*Does not include information specific to diesel engine models.*
- 61042 **626, MX-6 & Ford Probe '93 thru '02**  
626 . . . . . '93 thru '02  
MX-6 & Ford Probe . . . '93 thru '97
- 61043 **Mazda6**  
Mazda6 models . . . . . '03 thru '13  
*Does not include information specific to all-wheel drive or turbocharged models.*

MERCEDES-BENZ

- 63012 **Diesel 123 Series**  
All 200D, 220D, 240D, 240TD, 300D, 300CD, 300TD, models designated W123 Series. 4-cyl & 5-cyl incl. turbo-diesel . . . . . '76 thru '85
- 63015 **190**  
All 190 models with 4-cylinder gasoline engine . . . . . '84 thru '88
- 63020 **230, 250 & 280**  
All 230, 250 & 280 models with 6-cyl engine . . . . . '68 thru '72
- 63025 **280, 123 Series**  
All 6-cyl gas models. . . '77 thru '81
- 63030 **350 & 450**  
350 SL Roadster, 450 SL/SLC Coupe & Roadster, 450 SE/SEL V8 Sedan . . . . . '71 thru '80
- 63040 **C-Class**  
C230, C240, C280, C320 and C350 models . . . . . '01 thru '07  
*Does not include information specific to AMG models.*

MERCURY

- Bobcat** - see Ford Pinto & Mercury Bobcat (36062)
- Capri** - see Ford Mustang & Mercury Capri (36050)
- Cougar** - see Ford Thunderbird & Mercury Cougar (36086)
- Full-size** - see Ford (36036)
- Grand Marquis** - see Ford Crown Victoria (36012)
- Lynx** - see Ford Escort & Mercury Lynx (36016)
- Mariner** - see Ford Escape (36022)
- Mid-size** - see Ford Mid-size (36044)
- Milan** - see Ford Fusion (36045)
- Monarch** - see Ford Granada & Mercury Monarch (36040)
- Montego** - see Ford Taurus (36076)
- Monterey** - see Ford Windstar (36097)
- Mountaineer** - see Ford Explorer (36024, 36025)
- Mystique** - see Ford Contour (36006)
- Sable** - see Ford Taurus & Mercury Sable (36074, 36075 36076)

- Topaz** - see Ford Tempo & Mercury Topaz (36078)
- Tracer** - see Ford Escort & Mercury Tracer (36020)
- 64200 **Villager & Nissan Quest**  
All Mercury Villager & Nissan Quest models . . . . . '93 thru '01
- Zephyr** - see Ford Fairmont & Mercury Zephyr (36028)

MG

- 66010 **MGB**  
MGB Roadster & GT Coupe . . . . . '62 thru '80  
*Does not cover MGB GT V8 models.*
- 66015 **Midget & Austin-Healey Sprite**  
MG Midget 1500 Roadster . . . . . '74 thru '80  
Austin-Healey Sprite . . '58 thru '72  
MG Midget . . . . . '61 thru '79

MINI

- 67020 **Mini**  
Cooper/S & Clubman/S.. '02 thru '13  
Includes John Cooper Works (JCW) models.  
*Does not include Countryman models or convertible top information.*

MINI

- 68020 **Cordia, Tredia, Galant, Precis & Mirage**  
Cordia & Tredia . . . . . '83 thru '88  
Galant . . . . . '85 - '87, '89 thru '93  
Mirage . . . . . '85 thru '92  
Precis . . . . . '87 thru '93  
*Does not include information specific to V6 engine and all-wheel drive models.*
- 68030 **Eclipse, Plymouth Laser & Eagle Talon**  
All Eclipse, Plymouth Laser & Eagle Talon models . . . . . '90 thru '94
- 68031 **Eclipse & Eagle Talon**  
All Eclipse models . . . . '95 thru '05  
All Eagle Talon . . . . . '95 thru '98
- 68035 **Galant**  
All Galant models. . . . . '94 thru '12
- 68040 **Pick-up & Montero**  
2WD & 4WD models with gasoline engines  
Pick-ups . . . . . '83 thru '96  
Montero . . . . . '83 thru '93

NISSAN

- 200SX** - see Nissan Sentra (72051)
- 72010 **300ZX**  
300ZX models including Turbo, with V6 engine . . . . . '84 thru '89
- 72011 **350Z & Infiniti G35**  
All 350Z and Infiniti G35 models . . . '03 thru '08  
*Does not include Infiniti G37 models.*
- 72015 **Altima**  
All Altima models . . . . '93 thru '06
- 72016 **Altima**  
Altima models . . . . . '07 thru '12  
*Does not include information specific to hybrid models.*

72017 Altima '13 thru '19

- Armada '05 thru '10**  
*See Nissan Titan (72070)*
- 72020 **Maxima '85 thru '92**  
Maxima models . . . . . '85 thru '92  
*Does not include information specific to the VE30DE engine.*
- 72021 **Maxima '93 thru '08**  
Maxima models . . . . . '93 thru '08  
*Does not include information specific to the dual overhead cam (DOHC) engine in 1993 & 1994 SE models.*
- 72025 **Murano**  
All Murano models . . . '03 thru '14  
*Does not include information specific to CrossCabriolet models.*
- 72030 **Nissan/Datsun Pick-up & Pathfinder**  
2WD & 4WD models with gasoline engines  
Pickup . . . . . '80 thru '97  
Pathfinder . . . . . '87 thru '95
- 72031 **Frontier, Xterra & Pathfinder**  
Frontier Pickup . . . . . '98 thru '04  
Xterra . . . . . '00 thru '04  
Pathfinder . . . . . '96 thru '04  
*Does not include information specific to supercharged engine models.*
- 72032 **Frontier & Xterra**  
2WD and 4WD Frontier and Xterra models. . . . . '05 thru '14
- Pathfinder '87 thru '04** - see Nissan Pick-up & Frontier (72030, 72031)
- 72037 **Pathfinder**  
Pathfinder models . . . . '05 thru '14  
*Does not include information specific to hybrid models.*
- Quest** - see Mercury Villager (64200)
- 72042 **Rogue**  
All Rogue models. . . . . '08 thru '15
- 72050 **Sentra '82 thru '94**  
All Sentra models with gasoline engine . . . . . '82 thru '94
- 72051 **Sentra & 200 SX, '95 thru '06**  
All Sentra & 200SX models . . . . . '95 thru '06
- 72052 **Sentra '07 thru '12**  
All Sentra models. . . . . '07 thru '12
- 72053 **Sentra '13 thru '19**
- 72060 **Stanza**  
All Stanza models . . . . '82 thru '90  
*Does not include information on 1986 & later station wagon models.*
- 72070 **Titan ('04 thru '14), Armada ('05 thru '14) & Pathfinder Armada (04)**
- 72080 **Versa '07 thru '19**  
All Versa models. . . . . '07 thru '19
- Xterra** - see Nissan Frontier (72031, 72032)

OLDSMOBILE

- Alero** - see GM (38026)
- Achieva** - see GM (38025)
- Bravada** - see Chevrolet S-10 Pick-up (24070, 24071, 24072)





Calais - see GM (38025)

Custom Cruiser - see Buick (19025)

**73015 Cutlass**

All Cutlass models with V6 & V8 gasoline engines (For diesel engine, see Diesel Repair Manual, #10330, page 11) . . . '74 thru '88

Cutlass '97 thru '00 - see General Motors (38026)

Cutlass Ciera - see GM (38005)

Cutlass Supreme - see GM (38010)

Delta 88 - see Buick (19025)

Delta 88 Brougham - see Buick (19025)

Delta 88 Royale - see Buick Full-size FWD (19020), RWD (19025)

Firenza - see General Motors (38015)

Ninety-eight Luxury - see Buick (19025)

Ninety-eight Regency - see Buick Full-size Front-wheel Drive (19020) or Rear-wheel Drive (19025)

Ninety-eight Regency Brougham - see Buick Full-size (19025)

Omega - see GM (38020)

Silhouette - see General Motors (38035, 38036)

Toronado - see GM (38030, 38031)

**PLYMOUTH**

Acclaim - see Dodge Spirit (30060)

Arrow Pick-up - see Dodge D50 & Arrow pick-ups (30045)

Barracuda - see Dodge Dart (30025) for '67 thru '69 Dodge RWD (30050) for '71 thru '74

Breeze - see Chrysler Cirrus (25015)

Caravelle - see Dodge RWD (30050) for '77 thru '81, Chrysler (25030) for '82 thru '93

Champ - see Dodge Colt & Plymouth Champ (30016)

Duster - see Dodge Dart (30025) for '70; Dodge RWD (30050) for '71 thru '76

Fury & Gran Fury - see Dodge RWD (30050)

GTX - see Dodge Rear-wheel Drive (30050)

Horizon - see Dodge Omni & Plymouth Horizon (30035)

Laser - see Mitsubishi Eclipse (68030)

Neon - see Dodge Neon (30034)

Reliant - see Dodge Aries & Plymouth Reliant (30008)

Road Runner - see Dodge Rear-wheel Drive (30050)

Sapporo - see Dodge Challenger & Sapporo (30012)

Satellite - see Dodge Rear-wheel Drive (30050)

Sebring - see Dodge Rear-wheel Drive (30050)

Sundance - see Dodge Shadow (30055)

Trailduster - see Dodge Pick-up (30040)

Valiant - see Dodge Dart (30025) for '67 thru '70; Dodge RWD (30050) for '71 thru '76

Vans - see Dodge & Plymouth Vans (30065)

Volare - see Dodge Rear-wheel Drive (30050)

Voyager Mini-vans - see Dodge (30010, 30011 & 30013)

**PONTIAC**

J-2000 - see GM (38015)

6000 - see GM (38005)

Bonneville - see Buick Full-size Front-wheel Drive (19020) & Rear-wheel Drive (19025)

Bonneville Brougham - see Buick (19025)

Catalina - see Buick Full-size (19025)

79008 Fiero  
All Fiero models . . . . '84 thru '88

79018 Firebird '70 thru '81  
Firebird models with V8 engines (except Turbo) . . . . '70 thru '81

79019 Firebird '82 thru '92  
All Firebird models . . . '82 thru '92

Firebird '93 - '00 - see Chevrolet Camaro (24017)

Full-size Front-wheel Drive - see Buick, Olds, Pontiac Full-size Front-wheel Drive (19020)

Full-size Rear-wheel Drive - see Buick, Olds, Pontiac Full-size Rear-wheel Drive (19025)

G5 - see GM (38017)

Grand Am - see GM (38025, 38026)

Grand Prix - see GM (38010)

Grandville - see Buick Full-size (19025)

• G6 - see GM (38027)

• 79040 Mid-size Rear-wheel Drive  
Bonneville . . . . . '82 thru '86  
Grand Am . . . . . '73 thru '80  
Grand Prix . . . . . '70 thru '87  
LeMans . . . . . '70 thru '81  
Tempest . . . . . '70  
Does not include diesel engine, High Output, Ram Air or FWD models.

Montana - see GM (38036)

Parisienne - see Buick Full-size (19025)

Phoenix - see GM (38020)

Pursuit - see GM (38017)

Sunbird - see GM (38015)

Sunfire - see GM (38016)

Torrent - see GM (38040)

Trans Sport - see General Motors (38035, 38036)

Vibe - see Toyota Matrix (92037)

**PORSCHE**

80020 911  
911 Coupe, Targa & Cabriolet except Turbo . . . . . '65 thru '89

80025 914 (4-cyl)  
All 914 4-cyl models. . . '69 thru '76

80030 924  
All 924 models including Turbo. . . . . '76 thru '82

80035 944  
944, 4-cyl engine including Turbo . . . . . '83 thru '89  
Does not include 944S models.

**RENAULT**

• Alliance/Encore - see AMC (14025)

**SAAB**

• 84010 900  
900, Sedan & Turbo . . '79 thru '88

**SATURN**

Aura - see GM (38027)

• 87010 S-series '91 thru '02  
All SL, SL1, SL2, SC, SC1, SC2, SW1 & SW2 (Station Wagon) models . . . . . '91 thru '02

Ion - see GM 38017

87020 L-series '00 thru '04  
All L-series models . . . '00 thru '04

Outlook - see GM (38001)

• 87040 VUE  
VUE models . . . . . '02 thru '09  
Does not include information specific to hybrid models.

**SUBARU**

• 89002 1100, 1300, 1400 & 1600  
All Sedan, Coupe Hardtop, Pick-up & Wagon models . . . . '71 thru '79

89003 1600 & 1800  
1600/1600 Hatchback . '80 thru '94  
1800/1800 Hatchback . '80 thru '94  
Brat P/U . . . . . '81 thru '82  
Loyale . . . . . '90 thru '94  
Station Wagon . . . . . '84 thru '88  
XT . . . . . '86 thru '89  
Does not include Justy, XT6 or Impreza

• 89080 Impreza, Impreza WRX & Impreza WRX STI  
Impreza . . . . . '02 thru '11  
Impreza WRX . . . . . '02 thru '14  
Impreza WRX STI . . . . '04 thru '14  
(Includes Outback & GT models)

89100 Legacy '90 thru '99  
All Legacy models, including Legacy Outback & Legacy Brighton . . . . . '90 thru '99

• 89101 Legacy & Forester  
Legacy, Legacy Outback & Baja . . . . . '00 thru '09  
Forester . . . . . '00 thru '08  
Does not include information specific to six-cylinder and diesel engine models.

• 89102 Legacy & Forester  
Legacy . . . . . '10 thru '16  
Forester . . . . . '12 thru '16

Color indicates new and updated titles now shipping





SUZUKI

- 90010 **Samurai, Sidekick, X-90, Vitara and Chevrolet & Geo Tracker**  
Samurai ..... '86 thru '95  
Sidekick ..... '89 thru '98  
X-90 ..... '96 thru '98  
Vitara ..... '99 thru '01  
Geo Tracker ..... '86 thru '97  
Chevrolet Tracker ..... '98 thru '01  
*Does not cover V6 models or Suzuki Sport with 1.8L engine.*

TOYOTA

- Avalon - see Camry (92006, 92007 and 92008)**
- 92005 **Camry '83 thru '91**  
All Camry, gasoline models ..... '83 thru '91
- 92006 **Camry & Avalon '92 thru '96**  
All Camry models ..... '92 thru '96  
All Avalon models ..... '95 & '96
- 92007 **Camry, Avalon, Solara & Lexus ES 300 '97 thru '01**  
Solara, Camry, Avalon & Lexus ES300 ..... '97 thru '01
- 92008 **Camry, Avalon & Lexus ES 300/330 '02 thru '06 & Solara '02 thru '08**  
Camry, Avalon & Lexus ES 300/330 models ..... '02 thru '06  
Solara Models ..... '02 thru '08  
*Does not include information specific to the 2005 and later 3.5L V6 engine.*
- 92009 **Camry, Avalon & Lexus ES 350, '07 thru '15**  
Models ..... '07 thru '15  
*Does not include information specific to hybrid models.*
- 92015 **Celica Rear-wheel Drive**  
All Celica rear-wheel drive models ..... '71 thru '85
- 92020 **Celica Front-wheel Drive**  
Celica front-wheel drive models except Supra ..... '86 thru '99  
*Does not include 4WD (All-Trac) models.*
- 92025 **Supra '79 thru '92**  
All Supra models ..... '79 thru '92
- 92030 **Corolla '75 thru '79**  
All Corolla models ..... '75 thru '79
- 92032 **Corolla '80 thru '87**  
All Corolla RWD models.. '80 thru '87
- 92035 **Corolla '84 thru '92**  
All front-wheel drive Corolla models except diesel ..... '84 thru '92
- 92036 **Corolla & Geo/Chevrolet Prizm '93 thru '02**  
All Corolla & Geo/Chevrolet Prizm models ..... '93 thru '02
- 92037 **Corolla, Matrix & Pontiac Vibe '03 thru '19**  
Corolla ..... '03 thru '19  
Matrix ..... '03 thru '14  
Pontiac Vibe ..... '03 thru '10  
*Does not include information specific to Corolla XRS, Hatchback, IM, Matrix XRS, Vibe GT or all-wheel drive models.*
- 92040 **Corolla Tercel**  
All Corolla Tercel ..... '80 thru '82
- 92045 **Corona '74 thru '82**  
All Corona models ..... '74 thru '82
- 92050 **Cressida**  
All Cressida models with 4M, 4M-E & 5M-E engines ..... '78 thru '82

- 92055 **Land Cruiser '68 thru '82**  
Land Cruiser Series FJ40, FJ43, FJ45 & FJ55 ..... '68 thru '82
- 92056 **Land Cruiser '80 thru '96**  
Land Cruiser Series FJ60, FJ62, FJ80 & FZJ80 ..... '80 thru '96
- 92065 **MR2**  
All MR2 models ..... '85 thru '87
- 92070 **Pick-up '69 thru '78**  
Hi-Lux Pick-up & Hi-Ace ..... '69 thru '78  
*Does not include 3R-C engine.*
- 92075 **Pick-up '79 thru '95**  
Pick-ups ..... '79 thru '95  
4Runner ..... '84 thru '95  
SR5 Pick-up ..... '79 thru '95  
*(excludes diesel engine, T100 or Tacoma information)*
- 92076 **Tacoma, 4Runner & T100 Pick-ups**  
Tacoma ..... '95 thru '04  
4Runner ..... '96 thru '02  
T100 ..... '93 thru '98
- 92077 **Tacoma**  
All Tacoma models ... '05 thru '18
- 92078 **Tundra & Sequoia**  
All 2WD and 4WD models of Tundra ..... '00 thru '06  
Sequoia ..... '01 thru '07
- 92079 **4Runner**  
All 4Runner models ... '03 thru '09
- 92080 **Previa**  
Previa models ..... '91 thru '95  
*Does not include all-wheel drive or supercharged engine information.*
- 92081 **Prius '01 thru '12**  
All Prius models ..... '01 thru '12  
*Does not include information specific to Prius C, V or Plug-In models.*
- 92082 **RAV4**  
RAV4 models ..... '96 thru '12  
*Does not include information specific to RAV4 EV (Electric Vehicle) models.*  
**Sequoia - see Tundra (92078)**  
**Solara - see Camry (92007, 92008)**
- 92083 **RAV4**  
RAV4 models ..... '13 thru '18  
*Does not cover information specific to RAV4 EV (Electric Vehicle) models.*
- 92085 **Tercel**  
All Tercel models ..... '87 thru '94
- 92090 **Sienna**  
Sienna models ..... '98 thru '10  
*Does not include information specific to all-wheel drive models.*
- 92095 **Highlander & Lexus RX300/330/350**  
Highlander ..... '01 thru '19  
Lexus RX300/330/350 . '99 thru '19  
*Does not include information specific to hybrid models.*
- 92179 **Tundra & Sequoia**  
All 2WD & 4WD models.  
Tundra ..... '07 thru '19  
Sequoia ..... '08 thru '19

TRIUMPH

- 94007 **Spitfire**  
All Spitfire models ..... '62 thru '81
- 94010 **TR7.....'75 thru '81**

VW

- 96008 **Beetle & Karmann Ghia '54 thru '79**  
All models ..... '54 thru '79

- 96009 **New Beetle '98 thru '10**  
New Beetle models with 1.8L, 2.0L & 2.5L gasoline engines & 1.9L TDI diesel engine ..... '98 thru '10  
*Does not include information specific to 2004 and later models with the 1.9L TDI-PD diesel engine.*
- 96016 **Rabbit, Cabriolet, Golf, Jetta, Scirocco, Pick-up & Convertible**  
Rabbit (gas) ..... '75 thru '84  
Rabbit Convertible .... '80 thru '84  
Golf ..... '85 thru '92  
Jetta (gas) ..... '80 thru '92  
Scirocco ..... '75 thru '88  
Cabriolet ..... '85 thru '92  
Pick-up (gas) ..... '80 thru '83
- 96017 **Golf & Jetta '93 thru '98**  
Golf, Jetta, GTI & Cabrio 4-cylinder engines, and 1.9L diesel engine  
Golf, GTI & Jetta ..... '93 thru '98  
Cabrio ..... '95 thru '02  
*Does not include information specific to models with the 2.8L VR6 engine.*
- 96018 **Golf, GTI & Jetta '99 thru '05**  
Golf, GTI & Jetta models with 4-cylinder gasoline engines ..... '99 thru '05  
TDI diesel engines ..... '99 thru '04  
*Does not include information specific to models with the VR6 engine, the 5-cylinder engine, 2004 and later TDI-PD diesel engine, R32 AWD models or early 1999 models based on the A3 platform.*
- 96019 **Jetta, Rabbit, GLI, GTI & Golf '06 thru '11**  
New Jetta ..... '05  
Jetta ..... '06 thru '11  
Rabbit ..... '06 thru '09  
GLI ..... '06 thru '09  
GTI (2.0L engine) ..... '06  
GTI ..... '07 thru '11  
Golf ..... '10 thru '11  
*Does not include 2005 Jetta (based on the A4 platform) or 2006 1.8L GTI models, 2011 2.0L 8-valve Sedan models (based on the A6 platform), diesel engine or information specific to R32 models.*

- 96021 **Jetta, GLI, Golf/R & GTI '12 thru '19**  
Jetta (A6 chassis only) '11 thru '18  
GLI ..... '11 thru '18  
Golf/R ..... '15 thru '19  
GTI ..... '15 thru '19  
*Does not include 2011 Jetta based on the A5 platform or information specific to diesel or hybrid models. Includes Jetta Wagon & 4Motion/Alltrack models. **New Coming Soon!***

- 96023 **Passat & Audi A4**  
Passat & Audi A4 with 1.8L 4-cylinder turbo and 2.8L V6 engine.  
Passat ..... '98 thru '05  
A4 ..... '96 thru '01  
*Does not include diesel engine, W8 engine or S4 model information.*
- 96045 **Vanagon Air-Cooled**  
Flat-four engine models '80 thru '83

VOLVO

- 97010 **120, 130 Series & 1800 Sports**  
All 120, 130 & 1800 Sports models ..... '61 thru '73
- 97020 **240 Series**  
All 240, 242, 242GT, 244 & 245, DL, GL, & GT models except diesel ..... '76 thru '93
- 97040 **740 & 760**  
Gas models.....'82 thru '88
- 97050 **850**  
All 850 models ..... '93 thru '97





This series of comprehensive manuals gives the home mechanic an in-depth look at specific areas of auto repair. Each manual offers easy to follow text plus hundreds of hands-on photos.

- 10205 Automotive Computer Codes**  
Covers computer controlled cars and light trucks from 1980 through 1995. Features computer trouble codes and troubleshooting information for all major manufacturers. Includes expanded OBD II coverage.
- **10206 OBD-II & Electronic Engine Management Systems**  
Tells you what your car is Really trying to tell you when its CHECK ENGINE light comes on. Covers ALL 1996 and later cars and light trucks, including trouble-code lists. Tells how to use inexpensive hand-held scanners: they'll tell you how your engine's running and where there are problems - they're easier to use than some cell phones!
- 10210 Automotive Emission Control Manual**  
A simple, do-it-yourself approach to automotive emissions controls. Basic information, diagnosis and repair for all Domestic & Import models, including computer-controlled vehicles.
- **10215 Fuel Injection Manual, 1978 thru 1985**  
An informative guide to the most popular fuel injection systems from Bosch, General Motors, Ford and Chrysler. Included are procedures for elementary troubleshooting and step-by-step repair, along with basic principles of operation.
- 10225 Holley Carburetor Manual**  
Covering models from the mid-1960's through the late 1980's. Includes one, two, three and four barrel carburetors. Complete photo sequence overhaul chapters along with chapters explaining design, operation, modification, troubleshooting and tuning.
- 10230 Rochester Carburetor Manual**  
Covers all electronic and computer-command-control (CCC) carburetors as well as all earlier conventional models from the mid-1960's through the late 1980's. Complete photo sequence overhaul chapters cover Monojet, Dualjet, Varajet and Quadrajets as well as 2G and 4G carburetors.
- 10240 Weber/Zenith Stromberg/SU Carburetor Manual**  
Covers most Weber carburetors ranging from the DGV series to the DCOE and IDF series. Part three covers the complete line of Stromberg CD carburetors from the 1960s to 1970s. Part four includes SU carburetors Type H, HD and HIF through 1988. Illustrated with complete photo sequences and component explanation chapters.
- 10305 Chevrolet Engine Overhaul Manual**  
Complete step-by-step procedures lead the reader from engine removal through the entire rebuild process. Hundreds of hands-on photographs make it easy to follow. Covers 262, 265, 267, 283, 302, 305, 307, 327, 350, 396, 400, 402, 427, & 454 cu in V8 engines.
- **10310 Chrysler Engine Overhaul Manual**  
Covers small-block (LA Series) V8 engines from 1964 through 1994, and big-block (B and RB) V8 engines from 1958 through 1978. Also covers the 3.9L V6 engine. Includes modifications and parts interchange information.
- 10320 Ford Engine Overhaul Manual**  
Written to the same style as the Chevrolet manual described above. Covers 255, 260, 289, 302, 351, 360, 390, 400, 428, 429 & 460 cu in V8 engines.
- **10330 GM and Ford Diesel Engine Repair Manual**  
This comprehensive manual covers maintenance, repair and overhaul on GM 350 cu in (5.7 liter) & 379 cu in (6.2 liter), Ford 420 cu in (6.9 liter), 445 cu in (7.3 liter), & 445 cu in (7.3 liter Power Stroke) engines.
  - **10331 Duramax Diesel Engines '01 thru '12**  
Step-by-step instructions for repair and maintenance of all 2001 thru 2012 GM 6.6L Duramax diesel engines.
- **10332 Cummins Diesel Engine Performance *NEW!***  
These stout and reliable workhorses have immense performance potential, and this Techbook will show you what you need to know to modify your Cummins diesel for increased performance and durability - whether it be for towing, sled-pulling or drag racing. Topics covered include intake and exhaust systems, injectors and injection pumps, turbos and intercoolers, bottom-end mods, and power adders like nitrous oxide and propane injection.  
*Covers 12- and 24-valve in-line six-cylinder engines. Does not include information on Cummins V6 or V8 engines.*
  - **10333 GM, Ford and Chrysler Engine Performance**  
Everything you need to know to put more muscle under your hood! Project planning and choosing a speed shop; fuel, exhaust and ignition system modifications; induction systems, cylinder head mods and camshafts to make your engine breathe better; turbocharging, supercharging and nitrous oxide; building the bottom end to last; aftermarket gauge installation; computer chips to crate motors.
  - **10334 GM Engine Performance *NEW!***  
The mysteries of the versatile LS series engines are unlocked in this manual. Covering everything from engine overhaul, cylinder head selection and modification, induction and fuel systems, camshafts and valvetrain, to beefing-up the bottom end, turbo and supercharger add-ons, engine swaps and extreme builds, this Techbook will help you get the most from your LS-powered vehicle.
- 10340 Small Engine Repair Manual, 5 Horsepower and Less**  
Covers maintenance, troubleshooting and repair procedures for popular small engines used on mowers, garden tillers, generators, pumps and similar equipment. Does not cover small hand-held engines used on weed-eaters, blowers, etc.
- **10341 Small Engine Repair Manual, 5.5 thru 20 Horsepower**  
Provides coverage for larger single and twin-cylinder engines typically used in lawn tractors, generators, rototillers, snow blowers, log splitters and industrial equipment. All popular Briggs and Stratton, Tecumseh/Craftsman, Honda, Kohler and Robin/Wisconsin Robin engines are covered, including newer Overhead Valve (OHV) models.
- 10345 Suspension, Steering and Driveline Manual**  
Covers troubleshooting, maintenance and repair procedures for most foreign and domestic suspension, steering and driveline systems. Includes rear differential overhaul procedures and modifications for improving your vehicle's handling.
- 10355 Ford Automatic Transmission Overhaul Manual**  
In-depth coverage of popular Ford transmissions with complete overhaul photo sequences. Also covered are theory of operation, in-vehicle repairs and modifications. Covers C3, C4, C5, C6 & AOD transmissions, and ATX/FLC & AXOD transaxles.
- **10360 GM Automatic Transmission Overhaul Manual**  
Written to the same style as the Ford manual described above. Covers THM 200-4R, THM350, THM400 & THM700-R4 transmissions, and THM 125/125C, THM3T40, THM440-T4 & THM4T60 transaxles.
- 10405 Automotive Body Repair & Painting Manual**  
A complete photographic guide showing car care and detailing, rust prevention as well as body repair and painting - from minor dents to major structural damage.
- **10410 Automotive Brake Manual**  
Covers principles of operation, troubleshooting, maintenance and repair of the modern braking system. Over 500 illustrations.
  - **10411 Automotive Anti-lock Brake Systems (ABS) Manual**  
Covers most anti-lock braking systems in current use. Includes ABS theory, troubleshooting and a thorough description of how each system works. In-depth descriptions of Bendix, Bosch, Delphi Chassis (Delco Moraine), Kelsey-Hayes (Lucas Varsity), Nippondenso, Nissin, Sumitomo, Teves and Toyota systems. Covers basic electrical fundamentals, troubleshooting and repair for both domestic and foreign vehicles. Includes engine starting and charging systems, lights, gauges and accessories.

Color indicates new and updated titles now shipping





- 10420 Automotive Electrical Manual**  
Covers basic electrical fundamentals, troubleshooting and repair for both domestic and foreign vehicles. Includes engine starting and charging systems, lights, gauges and accessories.
- **10425 Automotive Heating & Air Conditioning Manual**  
Covers theory and operation of all domestic and import automotive heating and air conditioning systems in use today. Step-by-step procedures are provided for diagnosis, maintenance and repair. Now includes expanded R134a information.
- 10430 Automotive Reference Manual & Illustrated Dictionary**  
Includes a comprehensive dictionary (many words are illustrated), how to decode Vehicle Identification Numbers (VINs), useful automotive math, and tool and fastener guides. Basic information for all car owners and drivers.

- **10445 Welding Manual**  
Covers gas (oxy-acetylene), arc, MIG and TIG welding. Soldering and flame cutting are also covered. Techniques are discussed as they relate to automotive and workshop repairs. Information on selecting equipment is also included.
- **10450 ATV Basics**  
A guide to maintaining, buying and riding ATVs. Includes tips on finding the right ATV for you, how to select trailers, plows and other accessories, and how to operate your ATV safely.
- 10452 Scooters, 50cc to 250cc**  
A guide to servicing and routine maintenance including engine, transmission, fuel & ignition system repairs. Includes specifications on the most popular models.

## SPANISH LANGUAGE MANUALS

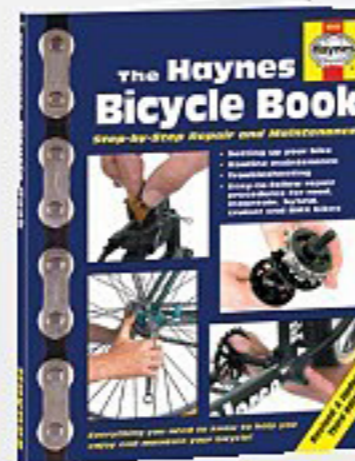
*The Spanish repair manuals are typical of all Haynes publications, providing specific maintenance and repair information obtained by a complete teardown and rebuild of the vehicle.*



- 98903 Automotive Body Repair and Painting**
- **98904 Rochester & Holley Carburetors**
- 98905 Automotive Computer Codes**
- 98906 OBD-II & Electronic Engine Management Systems**
- 98910 Automotive Brake Manual**
- 98913 Automotive Electrical Manual**
- 98915 Fuel Injection Manual '86 thru '99**
- 98920 Chevrolet Engine Overhaul Manual**  
*(See part #10305 for description)*
- 98935 GM and Ford Diesel Engine Repair Manual**  
*(See part #10330 for description)*
- 98955 Ford Automatic Transmission Overhaul Manual**  
*(See part #10355 for description)*
- 98960 GM Automatic Transmission Overhaul Manual**  
*(See part #10360 for description)*
- 99040 Chevrolet/GMC Full-size Pick-ups**  
Pick-ups ..... '67 thru '87  
Suburban, Blazer & Jimmy ..... '67 thru '91
- 99041 Chevrolet/GMC Full-size Pick-ups**  
Pick-ups ..... '88 thru '98  
Suburban ..... '92 thru '98  
Blazer & Jimmy ..... '92 thru '94  
Tahoe & Yukon ..... '95 thru '98
- 99042 Chevrolet & GMC Vans**  
All Full-size vans, 6-cyl.inline, 4.3L V6 & V8 engines ..... '68 thru '95
- 99043 Chevrolet S-10 & GMC Sonoma Pick-ups**  
All S-10 & Sonoma Pick-ups..... '94 thru '04  
Chevrolet Blazer & GMC Jimmy..... '95 thru '04  
GMC Envoy..... '98 thru '01  
Olds Bravada & Isuzu Hombre ..... '96 thru '01  
*Does not cover Chevrolet Colorado or GMC Canyon models.*

- 99048 Chevrolet Silverado & GMC Sierra Pick-ups**  
Gasoline models:  
Silverado, Sierra & Sierra Denali ..... '99 thru '06  
Silverado Classic, Sierra Classic & Sierra Denali Classic..... '07  
Suburban, Tahoe, Yukon, Yukon XL & Yukon Denali..... '00 thru '06  
Avalanche..... '02 thru '06  
*Does not include 1999 and 2000 C/K Classic & Sierra Classic,diesel, 8.1L engine, CNG, hybrids, models equipped with rear-wheel steering, or heavy-duty model information.*
- 99055 Dodge Caravan, Ply. Voyager, Chrysler Town & Country**  
Mini-Vans ..... '84 thru '95
- 99056 Dodge Caravan, Ply. Voyager & Chrysler Town & Country**  
Mini-Vans ..... '96 thru '02  
*Does not include information specific to All-Wheel Drive (AWD) models or diesel models.*
- 99059 Dodge & Plymouth Neon '00 thru '05**  
*Does not include information specific to SRT-4 models.*
- 99060 Dodge Pick-ups '94 thru '02**  
All full-size pick-ups, gasoline and Cummins turbo-diesel engines.  
1500 ..... '94 thru '01  
2500/3500 ..... '94 thru '02
- 99070 Ford Explorer, Sport Trac, Mazda Navajo & Mercury Mountaineer**  
Ford Explorer, Mazda Navajo & Mercury Mountaineer ..... '91 thru '01  
Ford Explorer Sport..... '00 thru '03  
Ford Sport Trac ..... '01 thru '05
- 99075 Ford Pick-ups & Bronco**  
All full-size Pick-ups & Broncos ..... '80 thru '94
- 99076 Ford F-150, Expedition & Lincoln Navigator**  
Pick-ups & SUVs ..... '97 thru '09

## BICYCLE BOOK



The Haynes Bicycle Book, part number 10100, was written using the same method as our automotive repair manuals - based on a teardown of the bikes, illustrated with hundreds of "hands-on" photos of repair and maintenance procedures, and accompanied by step-by-step instructions. The Bicycle Book is printed in full color throughout. Covers maintenance, troubleshooting and repair of most bicycles. Also includes information on accessories and roadside repairs.

- 99077 Ford Full-size Vans**  
All full-size vans ..... '69 thru '91
- 99089 Ford Ranger & Mazda B-series Pick-ups**  
Ranger ..... '93 thru '10  
B-Series ..... '94 thru '09
- 99093 Ford Windstar, Freestar & Mercury Monterey**  
Windstar..... '95 thru '03  
Freestar ..... '04 thru '07  
Monterey ..... '04 thru '07
- 99095 GM Full-size Rear-wheel Drive Models**  
**Buick** LeSabre, Estate, Electra & Limited;  
**Chevrolet** Impala, Impala Custom Caprice, Caprice, Caprice Classic, Caprice Estate, Bel Air, Biscayne, Brookwood, Kingswood, Kingswood Estate & Townsman;  
**Oldsmobile** Delta 88 Royale & Brougham, Custom Cruiser, Ninety-Eight Luxury, Regency & Brougham; **Pontiac** Catalina, Grandville, Brougham, Bonneville, Parisienne & Safari ..... '70 thru '90
- 99096 Chevrolet Cavalier & Pontiac Sunfire '95 thru '05**
- 99100 GM Mid-size Rear-wheel Drive Models**  
All GM mid-size models ... '70 thru '88
- 99106 Jeep Cherokee/Comanche/Wagoneer**  
All gasoline models ..... '84 thru '00
- 99107 Jeep Grand Cherokee**  
All models ..... '93 thru '04
- 99110 Nissan Pick-up & Pathfinder**  
2WD & 4WD gasoline models.  
Pick-up ..... '80 thru '96  
Pathfinder ..... '87 thru '95
- 99118 Nissan Sentra & Tsuru**  
Sentra..... '82 thru '94  
Tsuru ..... '91 thru '96
- 99125 Toyota Pick-ups & 4Runner**  
All full-size Pick-ups & 4Runners ..... '79 thru '95







Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>ACURA</b>		
Integra	86 - 89	12020
Integra	90 - 93	12021
Integra	94 - 00	42025
Legend	86 - 90	12020
Legend	91 - 95	12021
MDX	01 - 07	42037
TL	99 - 08	12050

<b>AMC</b>		
Alliance (Renault)	83 - 87	14025
CJ-2A, CJ-3A, CJ-3B, CJ-5, CJ-6, CJ-7 (Jeep)	49 - 86	50020
Encore (Renault)	83 - 87	14025
Golden Eagle (Jeep CJ)	49 - 86	50020
Laredo (Jeep CJ)	49 - 86	50020
Renegade (Jeep CJ)	49 - 86	50020
Scrambler (Jeep)	49 - 86	50020

<b>AUDI</b>		
4000, Coupe, GT, S	80 - 87	15020
5+5 (4000)	80 - 87	15020
5000	77 - 83	15025
5000, 5000S, CS Turbo	84 - 88	15026
A4 (VW Passat)	96 - 01	96023
A4	02 - 08	15030
Avant	02 - 08	15030
Cabriolet	02 - 08	15030

<b>AUSTIN HEALY</b>		
Sprite, MK I - IV (MG)	58 - 72	66015

<b>BMW</b>		
318i	84 - 85	18020
318i	92 - 98	18021
318is	92 - 97	18021
318i Convertible	92, 94 - 97	18021
318ti	95 - 98	18021
320i	75 - 83	18025
320i	12 - 14	18023
320xi	12 - 14	18023
323is, 323i Convertible	98	18021
323i (hardtop only)	99	18022
323i, 323ci	00	18022
325	04 - 05	18022
325, 325e, 325es	84 - 88	18020
325i, 325is, 325ic	87 - 91	18020
325i, 325is	92 - 95	18021
325i Convertible	92 - 95	18021
325i	01 - 03	18022
325i	06	18023
325ci	01 - 03	18022
325ci Convertible	06	18022
325ci Coupe	06	18022
325xi	06	18023
328i, 328is	96 - 98	18021
328i Convertible	96 - 98	18021
328i (hardtop only)	99	18022
328i, 328ci	00	18022
328i	07 - 14	18023
328xi	07 - 14	18023
330	04 - 05	18022
330i, 330ci	01 - 03	18022
330ci Convertible	06	18022
330ci Coupe	06	18022
330i	06	18023

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
330xi	06	18023
335i	07 - 10	18023
335xi	07 - 10	18023
525i	89 - 90	18020
528e	82 - 88	18020
533i	83 - 84	18020
535i, 535is	85 - 92	18020
1500	66 - 77	18050
1502	66 - 77	18050
1600	66 - 77	18050
2002	59 - 77	18050
Z3 Roadster	96 - 98	18021
Z4	03 - 05	18022

<b>BUICK</b>		
A-Car (Century), front-wheel drive (GM)	82 - 96	38005
Century, front-wheel drive (GM)	82 - 96	38005
Century	97 - 05	19010
Electra, front-wheel drive	85 - 90	19020
Electra, rear-wheel drive	70 - 84	19025
Enclave	08 - 17	38001
Estate, rear-wheel drive	70 - 90	19025
LaCrosse	05 - 13	19027
LeSabre, front-wheel drive	86 - 05	19020
LeSabre, rear-wheel drive	70 - 85	19025
Limited, rear-wheel drive	74 - 79	19025
Park Avenue, FWD	85 - 05	19020
Rainier	04 - 07	24072
Regal (GM)	88 - 04	38010
Riviera	79 - 85	38030
Riviera	86 - 93	38031
Roadmaster	91 - 96	24046
Skyhawk, front-wheel drive (GM)	82 - 89	38015
Skylark	80 - 85	38020
Skylark (GM)	86 - 98	38025
Somerset (GM)	85 - 87	38025

<b>CADILLAC</b>		
Brougham	70 - 93	21030
Cimarron (GM)	82 - 88	38015
Coupe DeVille	70 - 85	21030
CTS/CTS-V	03 - 14	21015
Deville FWD	86 - 93	38031
Deville	94 - 05	38032
DTS	06 - 10	38032
Eldorado	71 - 85	38030
Eldorado	86 - 91	38031
Escalade	15 - 16	24068
Fleetwood FWD	86 - 92	38031
Sedan DeVille	70 - 85	21030
Seville	75 - 79	21030
Seville	80 - 85	38030
Seville	86 - 91	38031
Seville	92 - 04	38032

<b>CHEVROLET</b>		
Astro Mini-van	85 - 05	24010
Avalanche	02 - 06	24066
Avalanche	07 - 14	24067
Aveo	04 - 11	24013
Bel Air	69 - 80	24045
Beretta	87 - 96	24032
Berlinetta (Camaro)	70 - 81	24015
Berlinetta (Camaro)	82 - 92	24016
Biscayne	69 - 75	24045

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
Blazer	67 - 91	24064
Blazer	92 - 94	24065
Blazer	95 - 05	24071
Brookwood	69 - 90	24045
Camaro	70 - 81	24015
Camaro	82 - 92	24016
Camaro	93 - 02	24017
Camaro	10 - 15	24018
Caprice	69 - 90	24045
Caprice	91 - 96	24046
Cavalier (GM)	82 - 94	38015
Cavalier (GM)	95 - 05	38016
Celebrity (GM)	82 - 90	38005
Chevelle	69 - 87	24020
Citation	80 - 85	38020
Classic	04 - 05	38026
Cobalt (GM)	05 - 10	38017
Colorado	04 - 12	24027
Concours	69 - 87	24020
Corsica	87 - 96	24032
Corvette	68 - 82	24040
Corvette	84 - 96	24041
Corvette	97 - 13	24042
C/K-Series Pick-up Full-size models	67 - 87	24064
C/K-Series Pick-up Full-size models	88 - 00	24065
Cruze	11 - 19	24044
El Camino	69 - 87	24020
Equinox	05 - 17	38040
Express Full-size Van	96 - 19	24081
HHR	06 - 11	38017
Impala	69 - 90	24045
Impala (FWD)	00 - 05	24048
Impala	06 - 11	24047
Impala SS	91 - 96	24046
Kingswood	69 - 90	24045
Laguna, Laguna Type 53	69 - 87	24020
Lumina (GM)	90 - 94	38010
Lumina	95 - 01	24048
Lumina APV (GM)	90 - 96	38035
LUV Pick-ups	72 - 82	24050
Malibu, Malibu Classic	69 - 87	24020
Malibu	97 - 03	38026
Malibu	04 - 12	38027
Malibu	13 - 19	24051
Metro	98 - 01	24075
Monte Carlo	70 - 88	24055
Monte Carlo	95 - 05	24048
Monte Carlo	06 - 07	24047
Nomad	69 - 87	24020
Nova, rear-wheel drive	69 - 79	24059
Nova, front-wheel drive	85 - 92	24060
Pick-up - Full-size	67 - 87	24064
Pick-up - Full-size	88 - 98	24065
Pick-up - Full-size	99 - 06	24066
Prizm (Toyota Corolla)	98 - 02	92036
Rally Sport (Camaro)	70 - 81	24015
Silverado Classic	07	24066
Silverado Pick-up	99 - 06	24066
Silverado 1500 Pick-up	07 - 13	24067
Silverado 2500 HD Pick-up	07 - 14	24067
Silverado 3500 Pick-up	07 - 14	24067
Silverado Pick-up	14 - 16	24068
Sport Coupe (Camaro)	82 - 92	24016
Sprint	85 - 88	24075
Suburban	67 - 91	24064
Suburban	92 - 99	24065
Suburban	00 - 06	24066
Suburban	07 - 14	24067
Suburban	15 - 16	24068
S-10 Blazer	83 - 94	24070
S-10 Blazer	95 - 04	24071
S-10 Pick-up	82 - 93	24070
S-10 Pick-up	94 - 04	24071
Tahoe	95 - 99	24065
Tahoe	00 - 06	24066
Tahoe	07 - 14	24067





Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>CHEVROLET (CONTINUED)</b>		
Tahoe	15 - 16	24068
Townsmen	69 - 90	24045
Tracker (Suzuki Samurai)	98 - 01	90010
TrailBlazer, TrailBlazer EXT	02 - 09	24072
Traverse	09 - 17	38001
Vans - Full-size	68 - 96	24080
Vans - Full-size, Express	96 - 19	24081
Vans - Mini	85 - 98	24010
Venture (GM)	97 - 05	38036
Z-28 (Camaro)	70 - 81	24015
Z-28 (Camaro)	82 - 92	24016
300 Deluxe	69 - 87	24020

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>CHRYSLER</b>		
200	11 - 17	25041
300	71	30050
300	79	30050
300	80	30050
300	05 - 18	25027
300M	99 - 04	25026
Cirrus	95 - 00	25015
Concorde	93 - 97	25025
Concorde	98 - 04	25026
Cordoba	75 - 83	30050
E Class	82 - 84	25030
Fifth Avenue (Dodge RWD)	83 - 89	30050
Laser (Dodge Daytona)	84 - 89	30030
Le Baron (Dodge RWD)	71 - 75	30050
Le Baron (Dodge RWD)	77 - 81	30050
Le Baron Sedan	82 - 89	25030
Le Baron Coupe	82 - 93	25030
Le Baron Convertible	82 - 95	25030
Le Baron GTS	85 - 88	25030
LHS	93 - 97	25025
LHS	99 - 04	25026
Newport (Dodge RWD)	71 - 81	30050
New Yorker (Dodge RWD)	71 - 82	30050
New Yorker (4-cyl)	82 - 88	25030
New Yorker	93 - 96	25025
PT Cruiser	01 - 10	25035
Sebring Convertible	95 - 06	25040
Sebring Coupe	95 - 05	25040
Sebring Sedan	95 - 06	25040
Sebring Convertible	08 - 10	25041
Sebring Sedan	07 - 10	25041
Town & Country (Dodge RWD)	71 - 78	30050
Town & Country Mini-van (Dodge Caravan)	85 - 95	30010
	96 - 02	30011
	03 - 07	30013
	08 - 18	30014
Voyager (Dodge Caravan)	03 - 07	30013

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>DATSUN</b>		
200 SX	80 - 83	28005
240 Z	70 - 73	28012
260 Z	74 - 75	28012
280 Z	76 - 78	28012
280 ZX	79 - 83	28014
300 ZX (Nissan)	84 - 89	72010
310	78 - 82	28016
510	68 - 73	28018
510	78 - 81	28020
PL521 Pick-up	68 - 73	28018
620 Series Pick-up	73 - 79	28022
720 Series Pick-up	80 - 95	72030
810	77 - 84	28025
Maxima	77 - 84	28025
Pathfinder (Nissan)	80 - 95	72030
Pick-ups (Nissan)	80 - 95	72030
Pulsar (Nissan)	83 - 86	72040
Sentra (Nissan)	82 - 94	72050
Stanza (Nissan)	82 - 90	72060

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>DODGE</b>		
400 (Chrysler Mid-size)	82 - 83	25030
600 (Chrysler Mid-size)	83 - 88	25030
America	78 - 90	30035
Aspen	76 - 80	30050
Aries, LE, SE	81 - 89	30008
Aries America	81 - 89	30008
Avenger (Chrysler Sebring)	95 - 00	25040
Avenger (Chrysler Sebring)	08 - 14	25041
Caravan	84 - 95	30010
Caravan	96 - 02	30011
Caravan	03 - 07	30013
Caravan Cargo	08 - 12	30014
Challenger (Dodge RWD)	71 - 74	30050
Challenger	78 - 83	30012
Challenger	08 - 18	25027
Charger (Dodge RWD)	71 - 78	30050
Charger, Charger 2.2	82 - 90	30035
Charger (Chrysler 300)	06 - 18	25027
Colt (FWD)	78 - 87	30016
Coronet (Dodge RWD)	71 - 76	30050
D-50 Pick-up	79 - 93	30045
Dakota Pick-up	87 - 96	30020
Dakota Pick-up	97 - 99	30021
Dakota Pick-up	00 - 04	30022
Dakota Pick-up	05 - 11	30023
Dart	67 - 70	30025
Dart (Dodge RWD)	71 - 74	30050
Daytona, incl. turbo	84 - 89	30030
Demon (Dodge RWD)	71 - 72	30050
Diplomat (Dodge RWD)	77 - 89	30050
Durango	98 - 99	30021
Durango	00 - 03	30022
Durango	04 - 09	30023
Durango	11 - 19	50026
Grand Caravan, LE, SE	84 - 95	30010
Grand Caravan	96 - 99	30011
Grand Caravan	08 - 18	30014
Intrepid	93 - 97	25025
Intrepid	98 - 04	25026
Lancer (Chrysler Mid-size)	85 - 89	25030
Magnum (Dodge RWD)	78 - 79	30050
Magnum (Chrysler 300)	05 - 08	25027
Mini Ram Van	84 - 95	30010
Mirada (Dodge RWD)	80 - 83	30050
Monaco (Dodge RWD)	71 - 78	30050
Neon	95 - 99	30034
Neon	00 - 05	30036
Nitro	07 - 11	50035
Pacifica (Daytona)	84 - 89	30030
Pick-ups - Full-size	74 - 93	30040
Pick-ups - Full-size	94 - 08	30042

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
Pick-ups - Full-size	09 - 18	30043
Pick-ups - Mini	79 - 93	30045
Polara (Dodge RWD)	71 - 73	30050
Raider	79 - 93	30045
Ram 50	79 - 93	30045
Ramcharger (Pick-ups)	74 - 93	30040
Royal Monaco (Dodge RWD)	71 - 78	30050
Royal Van	84 - 95	30010
Shadow	87 - 94	30055
Shelby Charger	78 - 90	30035
Shelby Z (Daytona)	87 - 89	30030
Spirit	89 - 95	30060
Sport Pick-up (Ram 50)	79 - 93	30045
St. Regis (Dodge RWD)	79 - 81	30050
Stratus	95 - 00	25015
Stratus Coupe	01 - 05	25040
Stratus Sedan (Chrysler Sebring)	01 - 06	25040
Vans - Full-size	71 - 03	30065
Vans - Mini	84 - 95	30010

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>EAGLE</b>		
Talon	90 - 94	68030
Talon	95 - 98	68031
Vision	93 - 97	25025

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>FIAT</b>		
124 Sport Coupe	68 - 78	34010
Spider (124 Sport)	68 - 78	34010
X 1/9	74 - 80	34025

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>FORD</b>		
500	05 - 07	36076
Aerostar - 2WD	86 - 97	36004
Apsire	94 - 97	36030
Boss (Mustang)	69 - 71	36048
Bronco - Full-size	73 - 79	36054
Bronco - Full-size	80 - 96	36058
Bronco II - Mid-size	83 - 92	36070
Clubwagon - Van	69 - 91	36090
Contour	95 - 00	36006
Country Squire	75 - 87	36036
Crown Victoria	75 - 87	36036
Crown Victoria	88 - 11	36012
Custom 500	75 - 87	36036
Econoline Vans	69 - 91	36090
Econoline Vans	92 - 12	36094
Edge	07 - 19	36014
Elite	75 - 86	36044
Escape	01 - 17	36022
Escort	81 - 90	36016
Escort	91 - 02	36020
Excursion	99 - 10	36060
Expedition	97 - 17	36059
Explorer	91 - 01	36024
Explorer	02 - 10	36025
Explorer	11 - 17	36026
Explorer Sport	00 - 03	36024
Explorer Sport Trac	01 - 05	36024
F-100, F-150 Pick-ups	73 - 79	36054
F-100, F-150 Pick-ups	80 - 96	36058
F-150 Pick-ups	97 - 03	36059
F-150 Pick-ups	04 - 14	36061
F-150 Pick-ups	15 - 17	36063
F-150 Heritage	04	36059
F-250 Pick-ups	73 - 79	36054
F-250 Pick-ups	80 - 96	36058
F-250 Pick-ups	97 - 99	36059
F-250 Super Duty Pick-up	99 - 10	36060
F-250HD	97	36058







Manufacturer/ Model	Model Year Coverage	Haynes Part Number
F-350 Pick-ups	73 - 79	36054
F-350 Pick-ups	80 - 97	36058
F-350 Super Duty Pick-up	99 - 10	36060
Fairmont	78 - 83	36028
Festiva	88 - 93	36030
Fiesta	77 - 80	36032
Five Hundred	06 - 13	36076
Focus	00 - 11	36034
Focus	12 - 14	36035
Focus (Full-size cars)	75 - 87	36036
Freestar	04 - 07	36097
Fusion	06 - 14	36045
Gran Torino	75 - 86	36044
Grande (Mustang)	67 - 73	36048
LTD - Full-size	75 - 82	36036
LTD - Mid-size	83 - 86	36044
LTD II - Mid-size	75 - 86	36044
LTD Crown Victoria	83 - 87	36036
Mach I (Mustang)	64 - 73	36048
Mustang, GT	64 - 73	36048
Mustang	79 - 93	36050
Mustang	94 - 04	36051
Mustang	05 - 14	36052
Pick-ups - Full-size	73 - 79	36054
Pick-ups - Full-size	80 - 96	36058
Pick-ups - Full-size	97 - 03	36059
Pick-ups - Full-Size	04 - 14	36061
Pick-ups - Super Duty	99 - 10	36060
Pick-ups - Super Duty	11 - 16	36064
Pick-ups - Ranger	83 - 92	36070
Pick-ups - Ranger	93 - 10	36071
Pick-ups - Courier	72 - 82	36008
Pinto	75 - 80	36062
Probe, including Turbo	89 - 92	36066
Probe (Mazda 626)	93 - 97	61042
Ranchero	75 - 86	36044
Ranger Pick-up	83 - 92	36070
Ranger Pick-up	93 - 11	36071
Super Duty Pick-ups	99 - 10	36060
Super Duty Pick-ups	11 - 16	36064
Shelby (Mustang)	65 - 73	36048
Taurus	86 - 95	36074
Taurus	96 - 07	36075
Taurus	08 - 14	36076
Tempo	84 - 94	36078
Thunderbird	75 - 82	36044
Thunderbird	83 - 88	36082
Torino	75 - 86	36044
Vans - Full-size	69 - 91	36090
Vans - Full-size	92 - 14	36094
Windstar	95 - 03	36097

**GENERAL MOTORS**

See Buick, Cadillac, Chevrolet, Oldsmobile or Pontiac

**GEO**

Metro (Chevrolet Sprint)	89 - 97	24075
Prizm (Chevrolet Nova)	85 - 92	24060
Prizm (Toyota Corolla)	93 - 97	92036
Storm	90 - 93	40030
Tracker (Suzuki Samurai)	86 - 97	90010

**GMC**

Acadia	07 - 16	38001
Acadia LTD	17	38001
C/K-Series Pick-up Full-size models	67 - 87	24064

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
C/K-Series Pick-up Full-size models	88 - 00	24065
Caballero	69 - 87	24020
Canyon	04 - 10	24027
Envoy (Chevrolet S-10)	98 - 01	24071
Envoy & Envoy XL (Chevrolet TrailBlazer)	02 - 09	24072
Jimmy - Full-size	67 - 91	24064
Jimmy - Full-size	92 - 94	24065
Jimmy - Mini	82 - 94	24070
Jimmy - Mini	95 - 05	24071
Pick-ups - Full-size	67 - 87	24064
Pick-ups - Full-size	88 - 98	24065
Pick-ups - Full-size	14 - 16	24068
Pick-ups - Mini, S-15	82 - 93	24070
Rally - Full-size van	68 - 92	24080
Safari - Mini van	85 - 05	24010
Savana - Full-size Van	96 - 19	24081
Sierra Classic	07	24066
Sierra Denali	00 - 06	24066
Sierra Denali	07 - 13	24067
Sierra Denali Classic	07	24066
Sierra Pick-up	99 - 06	24066
Sierra 1500 Pick-up	07 - 13	24067
Sierra 2500 HD Pick-up	07 - 14	24067
Sierra 3500 Pick-up	07 - 14	24067
Sierra Pick-up	14 - 16	24068
Sonoma Pick-up	82 - 93	24070
Sonoma Pick-up	94 - 04	24071
S-15 Pick-up	82 - 93	24070
S-15 Jimmy	83 - 94	24070
Terrain	10 - 17	38040
Vandura - Van	68 - 96	24080
Vans - Full-size	68 - 96	24080
Vans - Full-size, Savana	96 - 19	24081
Vans - Mini, Safari	85 - 98	24010
Yukon	92 - 99	24065
Yukon, Yukon XL, Yukon Denali	00 - 06	24066
Yukon, Yukon XL, Yukon Denali	07 - 14	24067
Yukon, Yukon XL	15 - 16	24068
Yukon Denali	00	24065
Yukon Denali	01 - 06	24066

**HONDA**

Accord, SEi	84 - 89	42011
Accord	90 - 93	42012
Accord	94 - 97	42013
Accord	98 - 02	42014
Accord	03 - 12	42015
Accord	13 - 17	42016
Civic 1200	73 - 79	42020
Civic 1500 CVCC	75 - 79	42022
Civic 1300/1500 CVCC	80 - 83	42021
Civic, Si & Wagon	84 - 91	42023
Civic	92 - 95	42024
Civic	96 - 00	42025
Civic	01 - 11	42026
Civic	12 - 15	42027
Crosstour	10 - 14	42015
CR-V	97 - 01	42025
CR-V	02 - 11	42026
CR-V	12 - 16	42027
CRX (Civic)	84 - 91	42023
Fit	07 - 13	42030
Odyssey	99 - 10	42035
del Sol	92 - 95	42024
Passport (Isuzu Rodeo)	95 - 02	47017
Pilot	03 - 08	42037
Prelude	79 - 89	42040
Ridgeline	06 - 14	42037

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
<b>HYUNDAI</b>		
Accent	95 - 13	43015
Elantra	96 - 19	43010
Excel	86 - 13	43015
Santa Fe	01 - 12	43050
Sonata	99 - 14	43055

**INFINITI**

G35 (Nissan)	03 - 08	72011
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**ISUZU**

Amigo	89 - 94	47017
Amigo	98 - 02	47017
Hombre (Chevrolet S-10)	96 - 00	24071
Pick-up	81 - 93	47020
Rodeo	91 - 02	47017
Trooper, Trooper II	84 - 91	47020

**JAGUAR**

Sovereign (XJ6)	88 - 94	49011
XJ6	88 - 94	49011
XJ12, XJS, XJSC	72 - 85	49015
Vanden Plas (XJ6)	88 - 94	49011

**JEEP**

Cherokee	72 - 83	50029
Cherokee	84 - 01	50010
Cherokee	14 - 19	50011
Comanche	84 - 01	50010
CJ-2A	49 - 86	50020
CJ-3A, CJ-3B	49 - 86	50020
CJ-5	49 - 86	50020
CJ-6	49 - 86	50020
CJ-7	49 - 86	50020
Golden Eagle	49 - 86	50020
Compass	07 - 17	50050
Grand Cherokee	93 - 04	50025
Grand Cherokee	05 - 19	50026
Grand Wagoneer	84 - 91	50029
Laredo	49 - 86	50020
Liberty	02 - 12	50035
Patriot	07 - 17	50050
Pick-up, J-series	72 - 88	50029
Renegade	49 - 86	50020
Scrambler	49 - 86	50020
Wagoneer	72 - 83	50029
Wagoneer	84 - 01	50010
Wrangler	87 - 17	50030

**KIA**

Optima	01 - 10	54050
Sedona	02 - 14	54060
Sephia	94 - 01	54070
Sorento	03 - 13	54077
Spectra	00 - 09	54070
Sportage	05 - 10	54070

**LEXUS**

ES 300 (Toyota Camry)	97 - 01	92007
ES 300 (Toyota Camry)	02 - 06	92008
ES 350	07 - 15	92009
ES 330 (Toyota Camry)	02 - 06	92008
RX300/330/350 (Toyota Highlander)	99 - 19	92095





Manufacturer/ Model	Model Year Coverage	Haynes Part Number
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**LINCOLN**

Continental .....	70 - 87	59010
Mark Series .....	70 - 92	59010
MKX.....	07 - 19	36014
Navigator (Ford Pick-up) .....	98 - 17	36059
Town Car .....	81 - 10	59010
Versailles (Ford Mid-size).....	75 - 86	36044

**MAZDA**

323 .....	90 - 03	61015
626, front-wheel drive .....	83 - 92	61041
626 .....	93 - 02	61042
626, rear-wheel drive.....	79 - 82	61040
GLC, rear-wheel drive.....	77 - 83	61010
Mazda3.....	04 - 11	61012
Mazda6.....	03 - 13	61043
MPV .....	89 - 98	61020
MX-5 Miata .....	90 - 14	61016
MX-6 .....	88 - 92	61041
MX-6 .....	93 - 97	61042
Navajo (Ford Explorer) .....	91 - 01	36024
Pick-up .....	72 - 93	61030
Pick-up .....	94 - 09	36071
Protegé .....	90 - 03	61015
RX-7 .....	79 - 85	61035
RX-7, including Turbo .....	86 - 91	61036
Tribute (Ford Escape) .....	01 - 11	36022

**MERCEDES-BENZ**

190 .....	84 - 88	63015
200D .....	76 - 85	63012
220D .....	76 - 85	63012
230 .....	68 - 72	63020
240D, 240TD .....	76 - 85	63012
250 .....	68 - 72	63020
280 .....	68 - 72	63020
280 .....	77 - 81	63025
300D, 300CD, 300TD .....	76 - 85	63012
350SL .....	71 - 80	63030
450SE, SEL, SL, SLC .....	71 - 80	63030
C230, C240, C280 .....	01 - 07	63040
C320, C350 .....	01 - 07	63040

**MERCURY**

Bobcat (Ford Pinto) .....	75 - 80	36062
Capri (Ford Mustang) .....	79 - 86	36050
Comet (Ford Mid-size) .....	75 - 86	36044
Cougar (Ford Mid-size) .....	75 - 82	36044
Cougar (Ford Thunderbird) ...	89 - 97	36086
Colony Park (Ford Full-size) .....	75 - 87	36036
Grand Marquis (Ford Full-size) .....	83 - 87	36036
Grand Marquis (Ford Crown Victoria).....	88 - 11	36012
Lincoln Versailles (Ford Mid-size) .....	75 - 86	36044

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
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Lynx (Ford Mustang) .....	81 - 90	36016
Mariner (Ford Escape) .....	05 - 11	36022
Marquis (Ford Full-size) .....	75 - 82	36036
Marquis (Ford Mid-size) .....	83 - 86	36044
Milan (Ford Fusion).....	06 - 11	36045
Montego (Ford Mid-size) .....	75 - 86	36044
Montego (Ford Taurus) .....	05 - 07	36076
Monterey.....	04 - 07	36097
Mountaineer (Ford Explorer)..	97 - 01	36024
Mountaineer (Ford Explorer)..	02 - 10	36025
Mystique .....	95 - 00	36006
Sable (Ford Taurus) .....	86 - 95	36074
Sable (Ford Taurus) .....	96 - 07	36075
Sable (Ford Taurus) .....	08 - 09	36076
Topaz (Ford Tempo) .....	84 - 94	36078
Tracer (Ford Escort) .....	91 - 02	36020
Villager .....	93 - 01	64200
XR-7 (Ford Mid-size) .....	75 - 86	36044
Zephyr (Ford Granada) .....	78 - 83	36028

**MG**

MGB .....	62 - 80	66010
Midget 1500 .....	74 - 80	66015
Midget MK I, II & III .....	61 - 79	66015

**MINI**

Cooper, Clubman & JCW .....	02 - 13	67020
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**MITSUBISHI**

Cordia .....	83 - 88	68020
Eclipse .....	90 - 94	68030
Eclipse .....	95 - 05	68031
Galant .....	85 - 87	68020
Galant .....	89 - 93	68020
Galant .....	94 - 12	68035
Mirage .....	85 - 92	68020
Montero .....	83 - 93	68040
Pick-up .....	83 - 96	68040
Precis .....	87 - 93	68020
Tredia .....	83 - 88	68020

**NISSAN**

200SX .....	95 - 98	72051
300 ZX, incl. turbo .....	84 - 89	72010
350Z .....	03 - 08	72011
Altima .....	93 - 06	72015
Altima .....	07 - 12	72016
Altima .....	13 - 19	72017
Armada .....	04 - 14	72070
Frontier Pick-up .....	98 - 04	72031
Frontier Pick-up .....	05 - 14	72032
Hard Body - Pick-up .....	80 - 96	72030
Maxima .....	85 - 92	72020
Maxima .....	93 - 08	72021
Murano .....	03 - 14	72025
Pathfinder Armada .....	04	72070
Pathfinder .....	87 - 95	72030
Pathfinder .....	96 - 04	72031
Pathfinder .....	05 - 14	72037
Pick-ups .....	80 - 97	72030
Quest (Mercury Villager) .....	93 - 01	64200
Rogue .....	08 - 15	72042
Sentra .....	82 - 94	72050
Sentra .....	95 - 06	72051
Sentra .....	07 - 12	72052
Sentra .....	13 - 19	72053
Stanza .....	82 - 90	72060

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
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Titan .....	04 - 14	72070
Versa.....	07 - 19	72080
Xterra .....	00 - 04	72031
Xterra .....	05 - 14	72032

**OLDSMOBILE**

Achieva (GM) .....	92 - 98	38025
Alero (GM) .....	99 - 03	38026
Bravada (Chevrolet S-10) .....	91 - 94	24070
Bravada (Chevrolet S-10) .....	96 - 01	24071
Bravada (Chevrolet TrailBlazer) .....	02 - 04	24072
Calais (GM) .....	85 - 91	38025
Ciera (GM) .....	82 - 96	38005
Custom Cruiser (Buick) .....	70 - 90	19025
Cutlass .....	74 - 88	73015
Cutlass .....	97 - 00	38026
Cutlass Cruiser (GM) .....	82 - 96	38005
Cutlass Supreme (GM) .....	88 - 97	38010
Eighty-eight Brougham (Buick) .....	80 - 85	19025
Eighty-eight, rear-wheel drive (Buick) .....	70 - 85	19025
Eighty-eight, front-wheel drive (Buick) .....	86 - 02	19020
Firenza (GM) .....	82 - 90	38015
Ninety-eight, front-wheel drive (Buick) .....	85 - 92	19020
Ninety-eight Luxury, rear-wheel drive (Buick) .....	70 - 81	19025
Ninety-eight Regency (Buick) .....	73 - 81	19025
Ninety-eight Regency Brougham (Buick) .....	82 - 84	19025
Omega.....	80 - 85	38020
Regency, front-wheel drive (Buick) .....	85 - 02	19020
Silhouette (GM) .....	90 - 96	38035
Silhouette (GM) .....	97 - 04	38036
Toronado .....	71 - 85	38030
Toronado .....	86 - 92	38031

**PLYMOUTH**

Acclaim (Dodge Spirit) .....	89 - 95	30060
Arrow Pick-up (Dodge Ram-50) .....	79 - 93	30045
Barracuda (Dodge Dart) .....	67 - 69	30025
Barracuda (Dodge RWD) .....	71 - 74	30050
Breeze .....	96 - 00	25015
Caravelle (Dodge RWD).....	77 - 81	30050
Caravelle (Chrysler Mid-size) .....	85 - 88	25030
Champ (Dodge Colt).....	78 - 87	30016
Duster (Dodge Dart).....	70	30025
Duster (Dodge RWD) .....	71 - 76	30050
Duster (Dodge RWD) .....	79 - 80	30050
Duster .....	93 - 94	30055
Fury (Dodge RWD).....	71 - 78	30050
GranFury (Dodge RWD).....	75 - 77	30050
GranFury (Dodge RWD).....	79 - 81	30050
GTX (Dodge RWD).....	71	30050
Laser .....	90 - 94	68030
Neon (Dodge Neon) .....	95 - 99	30034
Neon (Dodge Neon) .....	00 - 01	30036
Reliant (Dodge Aries).....	81 - 89	30008
Reliant America (Dodge Aries)	81 - 89	30008
Road Runner (Dodge RWD) ...	71 - 74	30050
Road Runner (Dodge RWD) ...	77 - 78	30050
Sapporo (Dodge Challenger)..	78 - 83	30012
Satellite (Dodge RWD).....	71 - 74	30050
Sebring (Dodge RWD) .....	71 - 74	30050
Sundance (Dodge Shadow) .....	87 - 94	30055







Manufacturer/ Model	Model Year Coverage	Haynes Part Number
TC3 (Dodge Omni)	78 - 90	30035
Tourismo, 2.2 & Duster (Dodge Omni)	78 - 90	30035
Trailduster (Pick-ups)	74 - 91	30040
Valiant (Dodge Dart)	67 - 70	30025
Valiant (Dodge RWD)	71 - 76	30050
Vans - Full-size (Dodge)	71 - 99	30065
Vans - Mini (Dodge)	84 - 95	30010
Volare (Dodge RWD)	76 - 80	30050
Voyager (Dodge Caravan)	84 - 95	30010
Voyager (Dodge Caravan)	96 - 02	30011

**PONTIAC**

6000 (GM)	82 - 91	38005
Bonneville, front-wheel drive (Buick)	87 - 05	19020
Bonneville, rear-wheel drive (Buick)	70 - 81	19025
Bonneville RWD	82 - 86	79040
Bonneville Brougham (Buick)	70 - 81	19025
Catalina (Buick)	70 - 81	19025
Esprit (Firebird)	70 - 81	79018
Fiero	84 - 88	79008
Firebird	70 - 81	79018
Firebird	82 - 92	79019
Firebird	93 - 02	24017
Formula (Firebird)	70 - 81	79018
Formula (Firebird)	82 - 92	79019
G5 (GM)	07 - 09	38017
G6 (GM)	05 - 10	38027
Grand Am	73 - 80	79040
Grand Am (GM)	85 - 98	38025
Grand Am (GM)	99 - 03	38026
Grand Prix	70 - 87	79040
Grand Prix (GM)	88 - 07	38010
Grandville (Buick)	70 - 75	19025
GTA (Firebird)	82 - 92	79019
J-2000 (GM)	82 - 84	38015
LeMans	70 - 81	79040
Montana (GM)	99 - 05	38036
Parisienne (Buick)	84 - 86	19025
Phoenix	80 - 85	38020
Pursuit (GM)	05 - 06	38017
Sunbird (GM)	84 - 94	38015
Sunfire (GM)	95 - 05	38016
Tempest	70 only	79040
Torrent	06 - 09	38040
Trans Am (Firebird)	70 - 81	79018
Trans Am (Firebird)	82 - 92	79019
Trans Am (Firebird)	93 - 97	24017
Trans Sport (GM)	90 - 96	38035
Trans Sport (GM)	97 - 98	38036
Vibe (Toyota Matrix)	03 - 10	92037

**PORSCHE**

911, E, L, S, T, SC	65 - 89	80020
911 Carrera	65 - 89	80020
914	69 - 76	80025
924, incl. turbo	76 - 82	80030
944, incl. turbo	83 - 89	80035

**RENAULT**

Alliance/Encore (AMC)	83 - 87	14025
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**SAAB**

900, incl. turbo	79 - 88	84010
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**SATURN**

Aura	07 - 10	38027
Ion	03 - 07	38017
L-series	00 - 04	87020
Outlook	07 - 10	38001
SC, SC1, SC2	91 - 02	87010
SL, SL1, SL2	91 - 02	87010
SW1, SW2	91 - 02	87010
VUE	02 - 09	87040

**SUBARU**

1600	80 - 94	89003
1800	80 - 94	89003
Baja	00 - 09	89101
Brat Pick-up	81 - 82	89003
Forester	00 - 08	89101
Forester	09 - 16	89102
Hatchback (1600,1800)	85 - 87	89003
Impreza	01 - 12	89080
Legacy	90 - 99	89100
Legacy	00 - 09	89101
Legacy	10 - 16	89102
Legacy Brighton	90 - 99	89100
Legacy Outback	90 - 99	89100
Legacy Outback	00 - 09	89101
Loyale	90 - 94	89003
Pick-up (Brat)	81 - 82	89003
Station Wagon	84 - 88	89003
WRX	01 - 14	89080
XT (1600,1800)	86 - 89	89003

**SUZUKI**

Samurai	86 - 95	90010
Sidekick	89 - 98	90010
Vitara	99 - 01	90010
X-90	96 - 98	90010

**TOYOTA**

4Runner	84 - 95	92075
4Runner	96 - 02	92076
4Runner	03 - 09	92079
Avalon	95 - 96	92006
Avalon	97 - 01	92007
Avalon	02 - 05	92008
Avalon	07 - 15	92009
Camry	83 - 91	92005
Camry	92 - 96	92006
Camry	97 - 01	92007
Camry	02 - 06	92008
Camry	07 - 15	92009
Celica, front-wheel drive	86 - 99	92020
Celica, rear-wheel drive	71 - 85	92015
Celica Supra	79 - 92	92025
Corolla	75 - 79	92030
Corolla, rear-wheel drive	80 - 87	92032
Corolla, front-wheel drive	84 - 92	92035
Corolla	93 - 02	92036
Corolla	03 - 19	92037
Corolla Tercel	80 - 82	92040
Corona	74 - 82	92045
FJ40 (Land Cruiser)	68 - 82	92055
FJ43 (Land Cruiser)	68 - 82	92055
FJ45 (Land Cruiser)	68 - 82	92055
FJ55 (Land Cruiser)	68 - 82	92055
FJ60 (Land Cruiser)	80 - 96	92056
FJ62 (Land Cruiser)	80 - 96	92056
FJ80 (Land Cruiser)	80 - 96	92056
FZJ80 (Land Cruiser)	80 - 96	92056
Hi-Ace (Pick-up)	69 - 78	92070

Manufacturer/ Model	Model Year Coverage	Haynes Part Number
Hi-Lux (Pick-up)	69 - 78	92070
Highlander	01 - 19	92095
Land Cruiser FJ40, FJ43 FJ45 & FJ55	68 - 82	92055
Matrix	11 - 14	92037
MR2	85 - 87	92065
Pick-up (Hi-lux)	69 - 78	92070
Pick-up	79 - 95	92075
Previa	91 - 95	92080
Prius	01 - 12	92081
RAV4	96 - 12	92082
RAV4	13 - 18	92083
Sequoia	01 - 07	92078
Sequoia	08 - 19	92179
Sienna	98 - 10	92090
Solara	99 - 01	92007
Solara	02 - 08	92008
SR5 (Pick-up)	79 - 95	92075
T100	93 - 98	92076
Tacoma	95 - 04	92076
Tacoma	05 - 18	92077
Terrel	87 - 94	92085
Tundra	00 - 06	92078
Tundra	07 - 19	92179

**TRIUMPH**

1500 (Spitfire)	62 - 81	94007
Spitfire	62 - 81	94007
TR7	75 - 81	94010

**VW**

Beetle	54 - 79	96008
Beetle (New)	98 - 10	96009
Cabrio	95 - 02	96017
Cabrioleto	85 - 92	96016
GLI	06 - 09	96019
Golf	85 - 92	96016
Golf	93 - 98	96017
Golf	99 - 05	96018
Golf	10 - 11	96019
GTI (4-cylinder)	93 - 98	96017
GTI	99 - 05	96018
GTI (2.0L engine)	06	96019
GTI	07 - 11	96019
Jetta - gasoline	80 - 92	96016
Jetta	93 - 98	96017
Jetta	99 - 05	96018
Jetta	06 - 11	96019
Jetta (New)	05	96019
Karmann Ghia	56 - 75	96008
Passat	98 - 05	96023
Pick-up - gasoline	80 - 83	96016
Rabbit - gasoline	75 - 84	96016
Rabbit - convertible	80 - 84	96016
Rabbit	06 - 09	96019
Scirocco	75 - 88	96016
Transporter 1700	72 - 74	96035
Transporter 1800	72 - 75	96035
Transporter 2000	75 - 79	96035
Vanagon - air-cooled	80 - 83	96045

**VOLVO**

120 Series	61 - 73	97010
130 Series	61 - 73	97010
140 Series	66 - 74	97015
220 Wagon	61 - 73	97010
240 Series	76 - 93	97020
740 Series	82 - 88	97040
760 Series	82 - 88	97040
850 Series	93 - 97	97050
P1800 Sports	61 - 73	97010



# CLYMER<sup>®</sup> 2020 MANUALS



## \* Color wiring diagrams

### NEW

Honda VT1300 Series (2010-2019).....	<b>M233</b>
Yamaha TT-50 (06-17), TT-R110E (08-17) & TT-R125E/L/LE (04-17) .....	<b>M288</b>
Yamaha XT250 (08-18) & TT-R230 (05-18).....	<b>M289</b>

### COMING SOON

Harley-Davidson FLH/FLT Touring Series (2017-2019).....	<b>M258</b>
Honda CRF150F (06-18) & CRF125 (14-18).....	<b>M224</b>

### UPDATED

Harley-Davidson VRSC Series (2002-2017) .....	<b>M426</b>
Honda Twinstar, Rebel, Nighthawk 250 (1978-2016) .....	<b>M324-5</b>
Honda XR50/70R, CRF50/70F (1997-2016).....	<b>M319-3</b>
Suzuki DR650SE (1996-2019) .....	<b>M272</b>
Suzuki Volusia/Boulevard C50 (2001-2019) .....	<b>M260-3</b>

### BMW

<b>M308</b> 500 & 600cc Twins, 1955-1969 R50, R50/2, R50S, R50US, R60, R60/2, R60US, R69, R69S, R69US
<b>*M502-3</b> R50/5 through R100GS PD, 1970-1996 R50/5 (1970-1973), R60/5 (1970-1973), R60/6 (1973-1976), R60/7 (1976-1978), R65 (1978-1985), R65/85 (1985-1987), R65LS (1982-1985), R75/5 (1970-1973), R75/6 (1973-1976), R75/7 (1976-1977), R80/7 (1978-1980), R80G/S (1980-1986), R80ST (1982-1984), R80RT (1982-1985), R80RT (1986-1987), R80 (1985-1987), R90/6 (1973-1976), R90S (1973-1976), R100/7 (1976-1979), R100S (1976-1980), R100RS (1977-1984), R100RT (1987-1993), R100RT (1979-1984), R100RT (1987-1995), R100T (1979-1980), R100 (1981-1984, 1991), R100CS (1981-1984), R100GS (1988-1994), R100GS PD (1990-1996)
<b>M500-3</b> K-Series, 1985-1997 K75 Low Seat (1989), K75 (1989-1995), K75T (1986-1987), K75S (1987-1988, 1990-1995), K75C (1986-1988), K75RT (1990-1995), K100RS (1985-1988), K100RT (1985-1988), K100LT (1987-1988), K100RS-ABS (1988-1989, 1991-1992), K100LT-ABS (1989-1991), K1 (1990-1993), K1100LT-ABS (1993-1997), K1100RSA (1993-1997)
<b>*M501-3</b> K1200RS, GT & LT, 1998-2010 K1200RS (1998-2005), K1200GT (2003-2005), K1200LT (1999-2010)
<b>*M503-3</b> R850, R1100, R1150 AND R1200C, 1993-2005 R850R (U.S., 1996-1998 and U.K., 1995-2001); R850C (U.K., 2000-2001); R850GS (U.K., 2000-2001); R1100GS (U.S. 1995-1999 and U.K., 1994-2000); R1100R (U.S. and U.K., 1995-2001); R1100RS (U.S., 1993-2001 and U.K. 1993-2002); R1100RT (U.S., 1996-2001 and U.K., 1995-2001); R1100S (U.S., 1999-2005 and U.K., 2000-2004); R1150GS/Adventure (U.S., 2000-2005 and U.K., 1999-2004); 1150R/Rockster (U.S., 2002-2005 and U.K., 2000-2004; R1150RS (U.S., 2002-2004 and U.K., 2001-2003); R1150RT (U.S., 2002-2004 U.K., and 2000-2004); R1200C U.S. and U.K., 1998-2004)
<b>*M510</b> R1200 Twins, 2004-2009 R1200GS (2004-2009), R1200GS ADVENTURE (2006-2009), R1200R (2007-2009), R1200RT (2005-2009), R1200S (2006-2008), R1200ST (2005-2007)
<b>*M309</b> F650, 1994-2000 F650 Funduro (U.K., 1994-1996), F650 ST (U.S., 1997), F650 Strada (U.K., 1997-1999), F650 (U.S. and U.K., 1997-2000), F650 Strada SE (U.K., 2000)

### HARLEY-DAVIDSON

<b>*M419</b> Sportsters, 1959-1985 H (1959-1969), CH (1959-1969), XLCH (1970-1980), XLH (1970-1972, 1978-1985), XLCR (1977-1978), XLX (1983-1985), XLS (1980-1985), XL (1973-1977)
<b>*M429-5</b> XL/XLH Sportster, 1986-2003 XLH883, XL883R, XLH1100, XL/XLH1200
<b>*M427-4</b> XL Sportster, 2004-2013 XL883 (2004-2009), XL883C (2004-2010), XL883L (2004-2013),

XL883N (2009-2013), XL883R (2004-2013), XL1200C (2004-2013), XL1200L (2004-2011), XL1200N (2007-2012), XL1200R (2004-2009), XL1200V (2012-2013), XL1200X (2010-2013)
<b>M256</b> XL Sportster, 2014-2017 XL883L SuperLow (2014-2017), XL883N Iron 883 (2014-2017), XL883R Roadster (2014-2015), XL1200C 1200 Custom (2014-2017), XL1200CA Custom Limited A (2014-2016), XL1200CB 1200 Custom Limited B (2014-2017), XL1200CP 1200 Custom (factory custom) (2014-2016), XL1200CX Roadster (2016-2017), XL1200T SuperLow (2014-2017), XL1200V Seventy-Two (2014-2016), XL1200X Forty-Eight (2014-2017)
<b>*M418</b> Panheads, 1948-1965 E, EL, ELF, ELS, ES, F, FL, FLE, FLEF, FLF, FLH, FLHF, FLS, FLSP, FS
<b>*M420</b> Shovelheads, 1966-1984 FL (1973-1984), FXE (1974-1984), FLH (1973-1984), FXEF (1980-1984), FXB (1980-1984), FLHS (1980-1983), FXS (1978-1984), FXSB (1980-1984), FX (1973-1979), FXWG (1980-1984), SUPER GLIDE (FL) (1971), ELECTRA GLIDE (FL) (1966-1972)
<b>*M421-3</b> FLS/FLX Evolution, 1984-1999 FLST (1986-1990), FLSTC (1987-1993, 1993 HDI, 1994-1999), FLSTF (1990-1993, 1993 HDI, 1997-1999), FLSTN (1993, 1993 HDI, 1994-1996), FLSTS (1993, 1997-1999), FXST (1984-1990, 1999), FXSTB (1999), FXSTC (1985-1999), FXSTF (1993-1996), FXSTS (1988-1999), FXSTSB (1995-1998)
<b>*M423-2</b> FLS/FXS Twin Cam 888, 958 & 103B, 2000-2005 FLSTC/FLSTCI Heritage Softail Classic (2000-2005), FLSTF/FLSTFI Fat Boy (2000-2005), FLSTFI Fat Boy 15th Anniversary Edition (2005), FLSTFSE Screamin' Eagle Fat Boy (2005), FLSTS/FLSTSI Heritage Springer (2000-2004), FLSTN/FLSTNI Softail Deluxe (2005), FLSTSC/FLSTSCI Softail Springer Classic (2005), FXST/FXSTI Softail Standard (2000-2005), FXSTB/FXSTBI Night Train (2000-2005), FXSTS/FXSTSI Springer Softail (2000-2005), FXSTD/FXSTDI Softail Deuce (2000-2005), FXSTDSE2 Screamin' Eagle Deuce (2004)
<b>*M250</b> FLS/FXS/FXC Softail Series, 2006-2010 FLST/FLSTI Heritage Softail (2006), FLSTC/FLSTCI Heritage Softail Classic (2006-2010), FLSTF/FLSTFI Shrine (2006-2010), FLSTF/FLSTFI Fat Boy (2006-2010), FLSTF/FLSTFI Shrine (2006-2010), FLSTFB Softail Fat Boy Lo (2010), FLSTFSE2 Screamin' Eagle Fat Boy (2006), FLSTN/FLSTNI Softail Deluxe (2006-2010), FLSTSB Softail Cross Bones (2008-2010), FLSTSC/FLSTSCI Softail Springer Classic (2006-2007), FLSTSE Softail CVO Convertible (2010), FXCW Softail Rocker (2008-2009), FXCWC Softail Rocker Custom (2008-2010), FXST/FXSTI Softail Standard (2006-2009), FXSTB/FXSTBI Night Train (2006-2009), FXSTC Softail Custom (2007-2010), FXSTD/FXSTDI Softail Deuce (2006-2007), FXSTSI Springer Softail (2006), FXSTSSE Screamin' Eagle Softail Springer (2007), FXSTSSE2 Screamin' Eagle Softail Springer (2008), FXSTSSE3 Screamin' Eagle Softail Springer (2009)
<b>*M251</b> FLS/FXS/FXC Softail Series, 2011-2016 FLS 103 Softail Slim (2012-2016), FLSS 110 Softail Slim (2016), FLSTC Heritage Softail Classic (2011), FLSTC 103 Heritage Softail Classic (2012-2016), FLSTC ANV Heritage Softail Classic 110th Anni. Edition (2013), FLSTF Fat Boy (2011), FLSTF Fat Boy 103 (2012-2016), FLSTF Fat Boy Lo 103 (2012-2016), FLSTFB Fat Boy Lo (2011), FLSTFB ANV Fat Boy Lo 110th Anni. Edition (2013), FLSTFB 103 Fat Boy Lo (2012-2016), FLSTFB 103 ANV Fat Boy Lo 110th Anni. Edition (2013), FLSTFBS 110 Fat Boy Lo (2016), FLSTN Softail Deluxe (2011), FLSTN 103 Softail Deluxe (2012-2016), FLSTNSE CVO Softail Deluxe (2014), FLSTSB Softail Cross Bones (2011), FLSTSE2 CVO Softail Convertible (2011), FLSTSE3 CVO Softail Convertible (2012), FXCWC Rocker C (2011), FXS 103 Blackline (2012-2013), FXSB 103 Softail Breakout (2014-2016), FXSBSE 110 Softail Breakout (2013-2015), FXST 103 Softail Standard (2011-2013)
<b>*M422-3</b> FLH/FLT/FXR Evolution, 1984-1998 FLHR Road King (1995-1998), FLHR-I Road King (1996-1997), FLHRC-I Road King (1998), FLHS Electra Glide-Sport (1988-1993), FLHT Electra Glide (1995-1998), FLHTC Electra Glide Classic & Anniversary (1984-1998), FLHTC-U Electra Glide Classic-Ultra & Anniversary (1989-1997), FLHTC-UI Electra Glide Classic-Ultra & Anniversary (1996-1998), FLHTC-I Electra Glide Classic (1996-1998), FLTC Tour Glide (1984-1991), FLTC-U Tour Glide-Ultra Classic (1989-1995), FLTC-UI Tour Glide-Ultra Classic (1996), FLTR Road Glide (1998), FLTR-I Road Glide (1998), FXEF Fat Bob (1985), FXLR Low Rider, Custom & Anniversary Edition (1987-1994), FXR Super Glide (1986-1994), FXRD Super Glide Grand Touring (1986), FXRS Low Rider & Convertible (1984-1992), FXRS-Con Low Rider-Convertible (1991-1993), FXRS-SP Low Rider-Sport Edition (1988-1993), FXRT Sport Glide (1984-1992), FXSB Low Rider (1985),

FXWG Wide Glide (1985-1986), FXR2 & FXR3 Super Glide (1999)
<b>*M430-4</b> FLH/FLT Twin Cam 88 & 103, 1999-2005 FLHT/FLHTI Electra Glide Standard (1999-2005), FLHTC/FLHTCI Electra Glide Classic (1999-2005), FLHTCUI Classic Electra Glide (1999-2005), FLHTCSE2 Screamin' Eagle Electra Glide 2 (2005), FLHR/FLHRI Road King (1999-2005), FLHRCI Road King Classic (1999-2005), FLHRS/FLHRSI Road King Custom (2004-2005), FLTR/FLTRI Road Glide (1999-2005)
<b>*M252</b> FLH/FLT Touring Series, 2006-2009 FLHT Electra Glide Standard (2006-2009), FLHTI Electra Glide Standard (2006), FLHTC Electra Glide Classic (2007-2009), FLHTCI Electra Glide Standard (2006), FLHTCU Ultra Classic Electra Glide (2007-2009), FLHTCUI Ultra Classic Electra Glide (2006), FLHTCUSE Screamin' Eagle Ultra Classic Electra Glide (2006), FLHTCUSE2 Screamin' Eagle Ultra Classic Electra Glide (2007), FLHTCUSE3 Screamin' Eagle Ultra Classic Electra Glide (2008), FLHTCUSE4 Screamin' Eagle Ultra Classic Electra Glide (2009), FLHR Road King (2006-2009), FLHRI Road King (2006), FLHRS Road King Custom (2006-2007), FLHRSI Road King Custom (2006), FLHRC Road King Classic (2007-2009), FLHRCI Road King Classic (2006), FLHRSE3 Screamin' Eagle Road King (2007), FLHRSE4 Screamin' Eagle Road King (2008), FLHX Street Glide (2006-2009), FLHXI Street Glide (2006), FLTR Road Glide (2007-2009), FLTRI Road Glide (2006), FLTRSE3 Screamin' Eagle Road Glide (2009)
<b>*M253</b> FLH/FLT Touring Series, 2010-2013 FLHTC Electra Glide Classic (2010-2013), FLHTCU Ultra Classic Electra Glide (2010-2013), FLHTK Electra Glide Ultra Limited (2010-2013), FLHR Road King (2010-2013), FLHRC Road King Classic (2010-2013), FLTRX Road Glide Custom (2010-2013), FLTRU Road Glide Ultra (2011-2013), FLHX Street Glide (2010-2013), FLHTCUSE5 CVO Ultra Classic Electra Glide (2010), FLHTCUSE6 CVO Ultra Classic Electra Glide (2011), FLHTCUSE7 CVO Ultra Classic Electra Glide (2012), FLHTCUSE8 CVO Ultra Classic Electra Glide (2013), FLHXSE CVO Street Glide (2010), FLHXSE2 CVO Street Glide (2011), FLHXSE3 CVO Street Glide (2012), FLTRUSE CVO Road Glide Ultra (2011, 2013), FLTRXSE CVO Road Glide Custom (2012), FLTRXSE2 CVO Road Glide Custom (2013), FLHRSE5 CVO Road King Custom (2013)
<b>*M258</b> Harley-Davidson FLH/FLT Touring Series, 2017-2019
<b>*M424-2</b> FXD Evolution, 1991-1998 FXDB (1991-1992), FXDC (1992), FXDL (1993-1998), FXDWG (1993-1998), FXD (1995-1998), FXDS-CONV (1995-1998)
<b>*M425-3</b> FXD Twin Cam 88, 1999-2005 FXD/FXDI Dyna Super Glide (1999-2005), FXDX/FXDXI Dyna Super Glide Sport (1999-2005), FXDL/FXDLI Dyna Low Rider (1999-2005), FXDS-CONV Dyna Super Glide Convertible (1999-2000), FXDWG/FXDWGI Dyna Wide Glide (1999-2005), FXDXT Dyna Super Glide T-Sport (2001-2003), FXDC/FXDCI Dyna Super Glide Custom (2005), FXDP (2001-2004)
<b>*M254</b> Dyna Series, 2006-2011 FXD Dyna Super Glide (2006-2010), FXDC Dyna Super Glide Custom (2006-2011), FXDL Dyna Low Ride (2006-2009, 2010-2011 HDI, Japan only), FXDWG Dyna Wide Glide (2006-2008, 2010-2011), FXD35 35th Anniversary Super Glide (2006), FXDB Street Bob (2006-2011), FXDF Fat Bob (2008-2011), FXDSE Screamin' Eagle Dyna (2007), FXDSE2 Screamin' Eagle Dyna (2008), FXDFSE CVO Dyna Fat Bob (2009), FXDFSE2 CVO Dyna Fat Bob (2010)
<b>M255</b> FXD/FLD Dyna Series, 2012-2017 FXDB Street Bob (2012-2017), FXDB 103 Street Bob (2014-2017), FXDBA Street Bob (2013 Factory Custom), FXDBA 103 Street Bob (2013 Factory Custom), FXDBB 103 Street Bob (2014 Factory Custom, 2015-2016 Limited), FXDBC Street Bob (2016 Limited), FXDBC 103 Street Bob (2016 Limited), FXDBP 103 Street Bob (2013-2016 Factory Custom), FXDC Super Glide Custom (2012-2014), FXDC 103 Super Glide Custom 110th Anniversary (2013), FXDC Super Glide Custom (2014), FXDF Fat Bob (2012-2017), FXDF 103 Fat Bob (2012-2017), FXDL Low Rider (2013-2017), FXDL 103 Low Rider (2014-2017), FXDLS Low Rider S (2017), FXDWG Wide Glide (2012-2017), FXDWG 103 Wide Glide (2012-2017), FLD Switchback (2012-2016), FLD 103 Switchback (2012-2016)
<b>*M426</b> VRSC Series, 2002-2017 VRSCA V-ROD (2002-2006), VRSCB V-ROD (2004-2005), VRSCAW V-ROD (2007-2010), VRSCSE Screamin' Eagle (2005-2006), VRSCX Screamin' Eagle (2007), VRSCR Street Rod (2006-2007), VRSCD Night Rod (2006-2008), VRSCDX Night Rod Special (2007-2017), VRSCF V-ROD Muscle (2009-2017), VRSCDX-ANIV. 10 <sup>th</sup> Anniversary Edition (2012)



## HONDA ATVS

- M316** **Odyssey FL250, 1977-1984**
- M311** **ATC, TRX & FourTrax 70-125, 1970-1987**  
ATC70 (1973-1974, 1978-1985), ATC90 (1970-1978), ATC110 (1979-1985), ATC125M (1984-1985), Fourtrax 70 (1986-1987), TRX125 (1985), Fourtrax 125 (1986)
- \*M433** **FourTrax 90 ATV, 1993-2000**
- \*M326** **ATC185 & 200, 1980-1986**  
ATC185 (1980), ATC185S (1981-1983), ATC200 (1981-1983), ATC200E (1982-1983), ATC200ES (1984), ATC200M (1984-1985), ATC200S (1984-1986), ATC200X (1983-1985)
- M347** **ATC200X & FourTrax 200SX, 1986-1988**  
Fourtrax 200SX (1986-1988), ATC 200X (1986-1987)
- \*M455** **ATC250 & FourTrax 200/250, 1984-1987**  
TRX200 (1984), ATC250ES (1985-1987), ATC250SX (1986-1987), TRX250 Fourtrax (1987)
- M342** **ATC250R Singles, 1981-1984**
- M348** **TRX250R/FourTrax 250R & ATC250R, 1985-1989**  
ATC250R (1985-1986), TRX250R/FOURTRAX 250R (1985-1989)
- M456-4** **TRX250X, 1987-1992; TRX300EX Fourtrax, 1993-2009**  
TRX250X (1987-1988, 1991-1992), TRX300EX Fourtrax (1993-2000), TRX300EX Sportrax (2001-2009)
- \*M446-4** **TRX250 Recon & Recon ES, 1997-2016**  
TRX250 Recon (1997-2016), TRX250 Recon ES (2002-2016)
- \*M215-2** **TRX250EX, 2001-2012**
- \*M346-3** **TRX300/FourTrax 300 & TRX300FW/FourTrax 4x4, 1988-2000**
- \*M200-2** **TRX350 Rancher, 2000-2006**  
TRX350FE Fourtrax Rancher 4x4 ES (2000-2006), TRX350FM Fourtrax Rancher 4x4 (2000-2006), TRX350TE Fourtrax Rancher ES (2000-2006), TRX350TM Fourtrax Rancher (2000-2006)
- M459-3** **TRX400 Foreman, 1995-2003**  
TRX400FW (1995-2003)
- \*M454-5** **TRX400EX Fourtrax & Sportrax & TRX400X, 1999-2014**  
TRX400EX Fourtrax (1999-2000), TRX400EX Sportrax (2001-2008), TRX400X (2009-2014)
- \*M202** **TRX420 Rancher, 2007-2014**  
Covers Independent Rear Suspension Models  
*(Does not include live axle models)*
- \*M201** **TRX450R & TRX450ER, 2004-2009**  
TRX450R (2004-2009), TRX450ER (2006-2009)
- \*M205** **TRX450 Foreman, 1998-2004**  
TRX450ES (1998-2001), TRX450S (1998-2001), TRX450FE (2002-2004), TRX450FM (2002-2004)
- \*M210** **TRX500 Rubicon, 2001-2004**  
TRX500FA (2001-2004), TRX500FGA (2004)
- \*M206** **TRX500 Foreman, 2005-2011**  
TRX500FE (2005-2011), TRX500FM (2005-2011), TRX500TM (2005-2006), TRX500FPE (2007-2011), TRX500FPM (2008)

## HONDA SINGLES

- \*M310-13** **50-110CC OHC Singles, 1965-1999**  
Z50A (1969-1978), Z50R (1979-1989, 1991-1999), S65 (All Years), C70 (1980-1983), C70M (All Years), CL70 (All Years), CT70 (1969-1982), SL70 (1971-1972), XL70 (1974-1976), S90 (1973-1975), SL90 (All Years), ST90 (1973-1975), C90 (1966-1969), CL90 (All Years), CL90L (All Years), CT90 (1969-1979), CT110 (1980-1984, 1986)
- \*M315** **100-350CC OHC, 1969-1982**  
CB100 (1970-1972), CB125S (1973-1982), XL125 (1974-1978), XL175 (1973-1978), XL250 (1972-1976), CT125 (1977), SL100 (1969-1973), SL125 (1971-1973), XL100 (1974-1978), TL125 (1973-1975), CL100 (1970-1972), TL250 (1975-1976), XL350 (1974-1978), TL125S (1976), CL100S (1971-1973)
- M317** **125-250CC Hsinores, 1973-1980**  
CR125M (1974-1978), CR125R (1979-1980), CR250M (1974-1976), CR250R (1978-1980), MR175 (1974-1977), MR250 (1975-1976), MT125 (1973-1976), MT250 (1973-1976)
- M442** **CR60-125R Pro-Link, 1981-1988**  
CR60R (1983-1984), CR80R (1981-1988), CR125R (1981-1988)
- M431-2** **CR80R, 1989-1995; CR125R, 1989-1991**
- \*M435** **CR80R & CR80RB Expert, 1996-2002**
- M457-2** **CR125R, 1992-1997; CR250R, 1992-1996**
- \*M464** **CR125R, 1998-2002**
- \*M224** **CRF150F, 2006-2018; CRF125F, 2014-2018**
- \*M223** **CRF230 Series, 03-13**
- M443** **CR250R-500R Pro-Link, 1981-1987**  
CR250R (1981-1987), CR450R (1981), CR480R (1982-1983), CR500R (1984-1987)
- M432-3** **CR250R, 1988-1991 & CR500R, 1988-2001**
- \*M437** **CR250R, 1997-2001**
- \*M352** **CRF250R, CRF250X, CRF450R & CRF450X, 2002-2005**  
CRF250R (2004-2005), CRF250X (2004-2005), CRF450R (2002-

- 2005), CRF450X (2005)
- \*M319-3** **XR50R, CRF50F, XR70R & CRF70F, 1997-2016**  
XR50R (2000-2003), CRF50F (2004-2016), XR70R (1997-2003), CRF70F (2004-2012)
- \*M312-14** **XL/XR75, XL/XR80 and XL/XR100, 1975-1991**  
XL75 (1977-1979), XR75 (1975-1978), XL80S (1980-1985), XR80 (1979-1984), XR80R (1985-1988, 1990-1991), XL100S (1979-1985), XR100 (1981-1984), XR100R (1985-1991)
- \*M222** **XR80R, CRF80F, XR100R & CRF100F, 1992-2009**  
XR80R (1993-2003), CRF80F (2004-2009), XR100R (1992-2003), CRF100F (2004-2009)
- \*M318-4** **XL/XR/TLR125-200, 1979-2003**  
XL125S (1979-1982, 1984-1985), XL185S (1979-1983), XL200R (1983-1984), XR185 (1979), XR200 (1980-1984), XR200R (1981-1983, 1986-1988, 1990-2003), TLR200 (1986-1987)
- \*M328-4** **XL/XR250, 1978-2000; XL/XR350R, 1983-1985; XR200R, 1984-1985; XR250L, 1991-1996**  
XR200R (1984-1985), XL250S (1978-1981), XL250R (1982-1987), XR250 (1979-1980), XR250R (1981-1982, 1984-2000), XR250L (1991-1996), XL350R (1984-1985), XR350R (1983-1985)
- \*M320-2** **XR400R, 1996-2004**
- \*M221** **XR600R, 1991-2000 & XR650L, 1993-2012**
- \*M339-8** **XL/XR 500-600, 1979-1990**  
XL500S (1979-1981), XL500R (1982), XR500 (1979-1980), XR500R (1981-1984), XL600R (1983-1987), XR600R (1985-1990)
- \*M225** **XR650R, 2000-2007**

## HONDA TWINS

- M321** **125-200CC Twins, 1965-1978**  
CL125A (1967-1969), CA/CB/CL 160 (All Years), CA/CD175 (1968-1970), CB/CL175 (1969-1973), CD175 (1967-1978 U.K.), SL175 (1970-1971 U.K.), CB200 (1974-1976), CB200 (1973-1978 U.K.), CL200 (1974)
- \*M322** **250-350CC Twins, 1964-1974**  
CB250 (1964-1974), CL250 (1967-1974), CB350 (1968-1973), CL350 (1968-1973), SL350 (1969-1973)
- M323** **250-360CC Twins, 1974-1977**  
CB250GS (All Years), CJ250T (All Years), CB360 (1975-1976), CB360G (1974), CL360 (1974-1975), CJ360T (1976-1977)
- \*M324-5** **Twinstar, Rebel 250 & Nighthawk 250, 1978-2016**  
CM185T (1978-1979), CM200T (1980-1982), CM250C (1982-1983), CMX250CD (1986), CMX250C REBEL (1985-1987 & 1996-2016), CB250 NIGHTHAWK (1991-2002)
- \*M334** **400-450CC, 1978-1987**  
CB400T TYPE I (1978-1979), CB400T TYPE II (1978-1979), CB400T (1980-1981), CB400A (1978), CM400A (1979-1981), CB400C (1982), CM400E (1980-1981), CM400T (1979-1981), CB450T (1982), CM450SC Nighthawk (1982-1983, 1985-1986), CM450A (1982-1983), CM450C (1982), CM450E (1982-1983), CMX450C Rebel (1986-1987)
- \*M333** **450 & 500CC Twins, 1965-1976**  
CB450 (1965-1974), CL450 (1968-1974), CB500T (1975-1976)
- \*M335** **CX & GL500/650 Twins, 1978-1983**  
CX500 (1978), CX500 Custom & Deluxe (1979-1982), CX650C (1983), GL500 (1981-1982), GL500 Interstate (1981-1982), GL650 (1983), GL650 Interstate (1983)
- M344** **VT500, 1983-1988**  
VT500FT Ascot (1983-1984), VT500C Shadow (1983-1986), VT500E Euro Sport (1983-1988)
- M313** **VT700 & 750, 1983-1987**  
VT700C Shadow (1984-1987), VT750C Shadow (1983)
- \*M314-3** **VT750 Shadow Chain Drive, 1998-2006**  
VT750C Shadow ACE (1998-2000), VT750DC Shadow Spirit (2001-2006), VT750CD Shadow ACE Deluxe (1998-2003)
- \*M232** **Honda VT750 Shaft Drive, 2004-2013**  
VT750C Aero (2004-2009, 2011-2013), VT750C2 Spirit (2007-2009, 2012-2013), VT750C2B Phantom (2010-2013)
- M440** **VT1100C Shadow, 1985-1996**  
VT1100C (1985-1990, 1992-1996)
- \*M460-4** **VT1100 Series, 1995-2007**  
VT1100C Shadow Spirit (1997-2007), VT1100C2 Shadow 1100 American Classic Edition (1995-1999), VT1100C2 Shadow Sabre (2000-2007), VT1100C3 Shadow Aero (1998-2002), VT1100T Shadow 1100 American Classic Edition Tourer (1998-2000)
- M233** **VT1300 Series (2010-2019)**  
VT1300CR, VT1300CRA Stalene (2010-2019), VT1300VS, VT1300CSA Sabre, (2011-2014), VT1300CT, (2010-2015), VT1300CTA Interstate (2010-2015), VT1300CX, VT1300CXA Fury (2010-2019)

- \*M230** **VTX1800 Series, 2002-2008**  
VTX1800C (2002-2007), VTX1800R (2002-2007), VTX1800S (2002-2006), VTX1800N (2004-2008), VTX1800F (2005-2008), VTX1800T (2007-2008)
- \*M231** **VTX1300 Series, 2003-2009**  
VTX1300S (2003-2007), VTX1300C (2004-2009), VTX1300R (2005-2009), VTX1300T (2008-2009)

## HONDA FOURS

- \*M332** **CB350-550 SOHC Fours, 1971-1978**  
CB350F (1972-1974), CB400F (1975-1977), CB500 (1971-1973), CB550 (1974-1978), CB550F (1975-1977)
- \*M345** **CB550 & 650, 1983-1985**  
CB550SC (1983), CB650SC (1983-1985)
- M336** **CB650 Fours, 1979-1982**  
CB650 (1979-1982), CB650SC (1982), CB650C (1980-1981)
- \*M341** **CB750 SOHC, 1969-1978**  
CB750K (1969-1978), CB750A (1976-1978), CB750F (1975-1978)
- \*M337** **CB750 DOHC, 1979-1982**  
CB750C (1980-1982), CB750K (1979-1982), CB750F (1979-1982), CB750K-LTD (1979)
- \*M436** **CB750 Nighthawk, 1991-1993 & 1995-1999**
- M325** **CB900-1100 Fours, 1980-1983**  
CB900C and F (1980-1982), CB1000C (1983), CB1100F (1983)
- M439** **Hurricane 600, 1987-1990**  
CBR600F (1987-1990)
- M441-2** **CBR600 F2 & F3, 1991-1998**  
CBR600F2 (1991-1994 U.S.), CBR600F3 (1995-1998 U.S.), CBR600SR Smokin' Joe's (1996 U.S.), CBRSE Smokin' Joe's (1998 U.S.), CBR600F (U.K.)
- \*M445-2** **CBR600F4, 1999-2006**  
CBR600F4 (U.S.) (1999-2000), CBR600F4i (U.S.) (2001-2006), CBR600F (U.K.) (1999-2000), CBR600F SPORT (U.K.) (2001-2006)
- \*M220** **CBR600RR, 2003-2006**
- \*M434-2** **CBR900RR/Fireblade, 1993-1999**  
CBR900RR (1993-1999), Fireblade (1993-1999 U.K.)
- M329** **500CC V-Fours, 1984-1986**  
VF500C Magna (V30) (1984-1986), VF500F Interceptor (1984-1986)
- M349** **700-1000CC Interceptor, 1983-1985**  
VF700F Interceptor (1984-1985), VF750F Interceptor (1983-1984), VF1000F Interceptor (1984)
- M458-2** **VFR700F-750F, 1986-1997**  
VFR700F (1986), VFR700F2 (1986-1987), VFR750F (1986-1997)
- \*M438** **VFR800FI Interceptor, 1998-2000**
- \*M327** **700-1100CC V-Fours, 1982-1988**  
VF700C Magna (1984-1987), VF700S Sabre (1984-1985), VF750C V45 Magna (1982-1983, 1988), VF750S V45 Sabre (1982-1983), VF1100C V65 Magna (1983-1986), VF1100S V65 Sabre (1984-1985)
- \*M508** **ST1100/Pan European, 1990-2002**  
Pan European (1990-2002), ST1100 (1991-2002), ST1100A (1992-2002)
- \*M340** **GL1000 & 1100, 1975-1983**  
GL1000 (1975-1979), GL1100 (1980-1983), GL1100 Interstate (1980-1983)
- \*M504** **GL1200, 1984-1987**  
Standard-GL1200 (1984), Aspencade-GL1200A (1984-1987), Interstate-GL1200I (1984-1987), Limited Edition-GL1200L (1985), Aspencade SE-i-GL1200SE-i (1986)

## HONDA SIX

- M505** **GL1500, 1988-1992**  
Standard-GL1500 (1988-1990), SE-GL1500SE (1990-1992), Aspencade-GL1500A (1991-1992), Interstate-GL1500I (1991-1992)
- M506-2** **GL1500 Gold Wing, 1993-2000**  
SE-GL1500SE, Aspencade-GL1500A, Interstate-GL1500I
- \*M507-3** **GL1800 Gold Wing, 2001-2010**
- \*M462-2** **GL1500C Valkyrie, 1997-2003**  
GL1500C (1997-2003), GL1500CT Tourer (1997-2000), GL1500CF Interstate (1999-2001)

## HONDA VINTAGE COLLECTION

- M305** **Vintage Japanese Street Bikes**  
Honda 250 & 305CC Twins; Kawasaki 250-750CC Triples; Kawasaki 900 & 1000CC Fours

## KAWASAKI ATVS

- M465-3** **Bayou KLF220 & KLF250, 1988-2011**  
KLF220 (1988-2002), KLF250 (2003-2011)
- \*M466-4** **Bayou KLF300 2WD & 4WD, 1986-2004**  
KLF300 2WD (1986-2004), KLF300 4WD (1989-2004)
- M467** **Bayou KLF400, 1993-1999**
- M470** **Lakota KEF300, 1995-1999**
- \*M385-2** **Mojave KSF250, 1987-2004**

## KAWASAKI SINGLES

- M350-9** **80-350CC Rotary Valve, 1966-2001**  
C2 Series (1967-1969), D1 (1966), F2 (1967), F3 (1968-1970), F4 (1969-1970), F5 (1970-1971), F6 (1971-1973), F7 (1971-1975), F8 (1971-1972), F9 (1972-1975), G Series (1969-1975), J1 Series (1965-1967), M Series (1973-1975), KD80 (1975-1976, 1980-1987), KD100 (1976-1979), KD125 (1975-1979), KD175 (1976-1979), KE100



(1976-2001), KE125 (1976-1985), KE175 (1976-1978, 1980-1982), KH100 (1976), KM100 (1976-1981), KS125 (1974-1975), KX125 (1974-1976), KV100 (1976)

**M444-2** **KX60, 1983-2002 & KX80, 1983-1990**

**\*M448-2** **KX80, 1991-2000; KX85, 2001-2016 &**

**KX100, 1989-2016**

KX80 (1991-2000), KX85 and KX85-II (2001-2016), KX100 (1989-2016)

**M351** **KDX200, 1983-1988**

**\*M447-3** **KX125 & KX250, 1982-1991 & KX500, 1983-2004**

KX125 (1982-1991), KX250 (1982-1991), KX500 (1983-2004)

**M472-2** **KX125, 1992-2000**

**M473-2** **KX250, 1992-2000**

**\*M474-3** **KLR650, 1987-2007**

**\*M240-2** **KLR650, 2008-2017**

## KAWASAKI TWINS

**M355** **KZ400, KZ/Z440, EN450 & EN500, 1974-1995**

KZ400A, S (1974-1978, U.S.); KZ400B (1978-1980, U.S., Can. & Eur.); KZ400C (1978, U.S.); KZ400G (1980-1981, U.S., Can. & Eur.); KZ400H (1979-1981, U.S., Can. & Eur.); KZ400A, D (1980-1983, U.S. & Can.); KZ440B (1980-1981, U.S. & Can.); KZ440C (1981, Can.); KZ440G (1982-1983, U.S. & Can.); KZ440H (1982-1983, Eur.); Z440A, C, D (1980-1983, Eur.); EN450A (1985-1990); EN500A (1990-1995)

**\*M241** **Ninja 250R, 1988-2012**

EX250 (1988-2012)

**M360-3** **EX500, GPZ500S & Ninja 500R, 1987-2002**

EX500 A1-A7 (1987-1993 U.S. & Canada), Ninja 500R D1-D9 (1994-2002 U.S. & Canada), GPZ 500S E1-on (1994-2002 Germany, Norway, Greece), GPZ 500S F1-on (1994-2002 U.K. & Sweden)

**M356-5** **Vulcan 700 & Vulcan 750, 1985-2006**

VN700 (U.S. 1985), VN750 (U.K. 1985), VN750 (1986-2006)

**M354-3** **Vulcan 800 & Vulcan Classic, 1995-2005**

VN800A (1995-2005), VN800B (1996-2005)

**\*M246** **Vulcan 900, 2006-2013**

Vulcan 900 Classic/Classic LT (2006-2013), Vulcan 900 Custom (2007-2013)

**M357-2** **Vulcan 1500, 1987-1999**

Vulcan 88 A1-A9 (U.S. & Canada, 1987-1995); VN-15 A1-A9 (Except U.S. & Canada, 1987-1995); Vulcan 1500 A10-A13 (U.S. & Canada, 1996-1999); Vulcan 88 B1-B4 (U.S. & Canada, 1987-1992); VN-15SE B1-B4 (Except U.S. & Canada, 1987-1992); Vulcan 1500 C3-C4 (U.S. & Canada, 1996-1997); VN-15 C1-C4 (Except U.S. & Canada, 1994-1997)

**\*M471-3** **Vulcan 1500 Series, 1996-2008**

Classic, Nomad & Drifter

**\*M245** **Vulcan 1600 Series, 2003-2008**

Classic (2003-2008); Mean Streak (2004-2008); Nomad (2005-2008)

## KAWASAKI FOURS

**M449** **KZ500/550 & ZX550, 1979-1985**

K2500A1, B4; KZ550A1, A2, A4 B2, C1-3 (LTD), D1 (GP) F1 (Spectre), M1; ZX550A1/2 (GP), H1/2 (GP), M1 (LTD)

**M450** **KZ, Z & ZX750, 1980-1985**

KZ750E, H, L, LTD, R; Z750L, ZX750A, E

**M358** **KZ650, 1977-1983**

KZ650B, KZ650C (Custom), KZ650D (SR), KZ650E (LTD), KZ650F, KZ650H (CSR)

**M359-3** **Z & KZ 900-1000CC Chain & Shaft Drive, 1973-1981**

**(Includes C Series Police Models)**

Z1 (1973-1974), KZ900 (1975-1976), KZ1000 (1977-1978), KZ1000 Std. (1979-1980), KZ1000 Classic (1980), KZ1000 Ltd. (1977-1980), Z1R (1978-1980), KZ1000 C Series Police (1978-1981)

**M451-3** **KZ, ZX & ZN 1000-1100CC, 1981-2002 (Includes Z1000**

**P Series Police Models)**

U.S. and Canada Models: KZ1000J1, J2 Standard (1981-1982), KZ1000 K1, K2 LTD (1981-1982), KZ1000 M1, M2 CSR (1981-1982), KZ1000 R1, R2 Replica (1982-1983), KZ1100 A1, A2, A3 Standard (1981-1983), KZ1100 B1, B2 GP (1981-1982), KZ1100 D1, D2 Spectre (1982-1983), KZ1100 L1 LTD-Shaft (1983), ZX1100 A1, A2 (1983-1984), ZN1100 B1, B2 (1984-1985), Z1000 Police Model P1-P21 (1982-2002); Other Than U.S. and Canada: Z1000 J1, J2 (1981-1982), Z1000 K1, K2 (1981-1982), Z1100 A1, A2 (1981-1982), Z1100 B1, B2 (1981-1982), Z1000 J3 (1983), Z1000 R2 (1983), Z1100 D2 (1983), Z1100 A1, A2 (1983-1984), Z1100 A3 (1985)

**M452-3** **ZX500 & Ninja ZX600, 1985-1997**

ZX500 Europe (1985-1990), ZX600A (1985-1987), ZX600C (1988-1997)

**M468-2** **Ninja ZX-6, 1990-2004**

ZX600 D U.S. and Canada (1990-1993), ZX600 E U.S. and Canada (1993-2004), ZZ-R600 D U.K. (1990-1993), ZZ-R600 E U.K. (1993-2003)

**M469** **Ninja ZX-7, ZX-7R & ZX-7RR, 1991-1998**

ZX-7 J1, J2 U.S., Canada and U.K. (1991-1992), ZX-7R K1, K2 U.S., Canada and U.K. (1991-1992), ZX-7 L1, L2, L3 U.S., Canada and U.K. (1993-1995), ZX-7R M1, M2 U.S., Canada and U.K. (1993-1994), ZX-7RR N1 U.S., Canada and U.K. (1996), ZX-7R P1, P2, P3 U.S., Canada, U.K. and European (1996-1998)

**M453-3** **Ninja ZX900, ZX1000 & ZX1100, 1984-2001**

ZX900 A1-A3 (1984-1986), ZX1000 A1-A2 (1986-1987), ZX1000 (ZX-10) B1-B3 (1988-1990), ZX1100 C1-C4 (1990-1993), ZX1100 (ZX-11) D1-D9 (1993-2001)

**\*M409-2** **Concours 1986-2006**

ZG1000 Concours/GTR1000 (1986-2006)

## POLARIS ATVS & SxS

**\*M496** **ATVs, 1985-1995**

250-425cc 3-, 4- & 6-Wheel models; Scrambler, Trail Blazer, Trail Boss, Cyclone, Big Boss, Xplorer, Sport, Sportsman and Magnum

**M362-2** **Magnum & Big Boss ATVs, 1996-1999**

Magnum 425 2x4 (1996-1998), Magnum 425 6x6 (1996-1997), Magnum 425 4x4 (1996-1998), Big Boss 500 6x6 (1998-1999)

**\*M363** **Scrambler 500 4x4, 1997-2000**

**\*M365-5** **Sportsman 400, 450 & 500, 1996-2013**

Sportsman 400 (2001-2005), Sportsman 400 HO (2011-2013), Sportsman 450 (2006-2007), Sportsman 450 Browning Edition (2006), Sportsman 500 (1996-2010), Sportsman 500 RSE (2000-2002), Sportsman 500 DUSE (2001-2002), Sportsman 500 HO (2001-2006, 2008-2013), Sportsman 500 X2 (2006-2010), Sportsman 500 Touring (2008-2013), Worker 500 (1997-2001), Xplorer (1997)

**\*M366** **Sportsman 600, 700 & 800 Series, 2002-2010**

Sportsman 600 (2003-2005); Sportsman 700 (2002-2006); Sportsman 700 EFI (2004-2007); Sportsman 700 EFI X2 (2008); Sportsman MV7 (2005-2006), Sportsman 800 EFI (2005-2010), Sportsman 800 EFI X2 (2007-2009), Sportsman 800 EFI Touring (2008-2009)

**\*M367** **Predator 500, 2003-2007**

Predator 500, 2003-2007; Predator 500 (Troy Lee Designs) 2005-2006

**M292** **RZR800, 2008-2014**

RZR 800 (2008-2014), RZR S 800 (2009-2014), RZR S 800 INTL (2009-2010) & (2012-2014), RZR S 800 EPS (2013-2014), RZR S 800 EPS INTL (2011-2012), RZR 800 EPS (2010-2014), RZR 4 800 (2010-2013), RZR 4 800 EPS (2011-2014), RZR 4 800 EPS INTL (2011-2012), RZR 800 LE (all models), RZR 800 XC (2014)

**M293** **Ranger 800, 2010-2014**

Ranger XP 800 (2010-2012), Ranger XP 800 EPS (2010-2012), Ranger HD 800 (2010-2012), Ranger Crew 800 (2010-2014), Ranger Crew 800 EPS (2011-2013), Ranger 4X4 800 (2013-2014), Ranger 4X4 800 EPS (2013-2014) (Also includes international model coverage)

## SUZUKI ATVS

**M381** **ALT/LT 125 & 185, 1983-1987**

ALT125 (1983-1986), LT125 (1983-1987), ALT185 (1984-1985), LT185 (1984-1987)

**M475** **LT230 & LT250, 1985-1990**

LT230S Chain Drive (1985-1988), LT-F230G Shaft Drive (1985-1987), LT230G Shaft Drive (1985-1986), LT250S Chain Drive (1989-1990)

**M380-2** **Quadracer LT250R, 1985-1992**

**\*M483-2** **LT-4WD, LT-F4WDX & LT-F250, 1987-1998**

LT-4WD Quad Runner (1987-1998), LT-F250 Quad Runner (1988-1998), LT-F4WDX King Quad (1991-1998)

**\*M270-2** **LT-Z400, 2003-2008**

**\*M343-2** **LT-F500F, 1998-2002**

## SUZUKI SINGLES

**M369** **125-400CC Singles, 1964-1981**

TC125 (Thru 1976), TM125 (1974-1975), TS125 (Thru 1979), TS185 (1974-1976), TS185 (Thru 1981), RL250 (1974-1975), TM250 (1972-1975), TS250 (Thru 1974, 1980-1981), TM400 (Thru 1975), TS400 (1972-1976)

**M371** **RM50-400 Twin Shock, 1975-1981**

RM50 (1978-1980), RM60 (1979-1981), RM80 (1977-1981), RM100 (1976-1981), RM125 (1975-1980), RM250 (1976-1980), RM370 (1976-1977), RM400 (1978-1980)

**M379** **RM125-500 Single Shock, 1981-1988**

RM125 (1981-1988), RM250 (1981-1988), RM465 (1981-1982), RM500 (1983-1984)

**M386** **RM80-250, 1989-1995**

RM80 (1989-1995), RM125 (1989-1995), RM250 (1989-1995), RMX250 (1989-1995)

**\*M400** **RM125, 1996-2000**

**\*M401** **RM250, 1996-2002**

**M476** **DR250-350, 1990-1994**

DR250 (1990-1993), DR250S (1990-1994), DR350 (1990-1994), DR350S (1990-1994)

**\*M477-4** **DR-Z400E, S & SM, 2000-2012**

DR-Z400E, DR-Z400S, DR-Z400SM

**\*M272** **Suzuki DR650SE, 1996-2019**

**\*M384-5** **LS650 Savage/Boulevard S40, 1986-2015**  
LS650 (1986-1988; 1995-2004), LS650/Boulevard S40 (2005-2015)

## SUZUKI TWINS

**M372** **GS400-450 Chain Drive, 1977-1987**

GS400 (1977-1978), GS425 (1979), GS450 (1980-1983, 1985-1987)

**M484-3** **GS500 Twins, 1989-2002**

GS500E (1989-2002)

**\*M361** **SV650, 1999-2009**

SV650 (1999-2008), SV650S (1999-2007), SV650SF (2008-2009)

**\*M273** **DL650 V-Strom, 2004-2011**

**\*M481-6** **VS700-800 Intruder/Boulevard S50, 1985-2009**  
VS700 (1986-1987 U.S.), VS750 (1988-1991 U.S.), VS800 (1992-2004 U.S.), VS750 (1985-1991 U.K.), VS800 (1992-1997 U.K.), VS800/S50 (2005-2009)

**\*M261-2** **1500 Intruder/Boulevard C90, 1998-2009**

Intruder LC 1500 (VL1500) (1998-2005), Boulevard C90/C90T (VL1500) (2006-2009)

**\*M260-3** **Volusia/Boulevard C50, 2001-2019**

Volusia (2001-2004), Boulevard C50 (2005-2019)

**\*M482-3** **VS1400 Intruder/Boulevard S83, 1987-2007**

VS1400 Intruder (1987-2004), Boulevard S83 (2005-2007)

## SUZUKI TRIPLE

**M368** **GT380, GT550 & GT750, 1972-1977**

No wiring diagrams.

## SUZUKI FOURS

**M373** **GS550, 1977-1986**

GS550 (1977-1979), GS550E (1978-1980, 1983, 1985-1986), GS550ES (1983-1986), GS550L (1979-1983, 1985-1986), GS550M (1982), GS550T (1981)

**M364** **GS650, 1981-1983**

GS650EX, GS650EZ, GS650GLZ, GS650GX, GS650GD, GS650GLD, GS650GZ, GS650GLX, GS650ED

**M370** **GS750 Fours, 1977-1982**

GS750 (1977-1979), GS750L (1979-1981), GS750E (1978-1982), GS750T (1982)

**M376** **GS850-1100 Shaft Drive, 1979-1984**

GS850G (1979-1981), GS850GL (1979-1983), GS1000G (1980-1983), GS1000GL (1981), GS1100G (1982-1983), GS1100GL (1982-1983), GS1100GK (1982-1984)

**M378** **GS1100 Chain Drive, 1980-1981**

GS1100ET, GS1100LT, GS1100EX

**M383-3** **Katana 600, 1988-1996; GSX-R750-1100, 1986-1987**

GSX600F Katana (1988-1996), GSX-R750 (1986-1987), GSX-R750R Limited Edition (1986), GSX-R1100 (1986-1987)

**\*M331** **GSX-R600, 1997-2000**

**\*M264** **GSX-R600, 2001-2005**

GSX-R600 (2001-2005, U.S., California, Canada, U.K. and Europe models), GSX-R600 Alstare (2003 U.S., California and Canada models)

**\*M268** **GSX-R600/R750, 2006-2009**

**\*M269** **GSX-R750, 2000-2005**

**M478-2** **GSX-R750, 1988-1992 & GSX750F Katana, 1989-1996**

**M485** **GSX-R750, 1996-1999**

GSX-R750T (1996), GSX-R750V (1997), GSX-R750W (1998), GSX-R750X (1999)

**\*M377** **GSX-R1000, 2001-2004**

**\*M266** **GSX-R1000, 2005-2006**

**\*M265** **GSX1300R Hayabusa, 1999-2007**

**\*M338** **GSF600S Bandit, 1995-2000**

GSF600, GSF600S

**\*M353** **GSF1200 Bandit, 1996-2003**

GSF1200 (1996-2003), GSF1200S (1997-2003)

## YAMAHA ATVS & SxS

**\*M499-2** **YFM80 MOTO-4, Badger & Raptor, 1985-2008**

YFM80 Moto-4 (1985-1988), YFM80 Badger (1992-2001), YFM80 Raptor (2002-2008)

**M394** **YTM/YFM200 & YTM225, 1983-1986**

YTM20



## M493 Kodiak ATV, 1993-1998

YFM400FW (1993-1998)

## \*M287-2 YFZ450, 2004-2017

YFZ450 (Does not cover YFZ450X models)

## \*M285-2 Grizzly 660, 2002-2008

YFM660F (2002-2008)

## \*M280-2 Raptor 660R, 2001-2005

YFM660R Raptor (2001-2005)

## \*M290 Raptor 700R, 2006-2016

YFM700R Raptors (All Models)

## \*M291 Rhino 700, 2008-2009 and 2011-2012

# YAMAHA SINGLES

## \*M492-2 PW50 Y-Zinger, PW80 Y-Zinger &

### BW80 Big Wheel, 1981-2002

PW50 (1981-1983; 1985-1987; 1990-2002), PW80 (1983; 1985; 1991-2002), BW80 (1986-1988; 1990)

## \*M288 TT-R50 (2006-2009, 2012-2017), TT-R110 (2008-2009, 2011-2017), TT-R125 (2004-2009, 2011-2017)

## M410 80-175 Piston Port, 1968-1976

GT1 (1973), GTMX (1973-1974), GT80A (1974-1976), GT80MXA (1974-1977), YZ80 (1974-1976), YZ100 (1976), DT100 (1974-1976), MX100 (1974-1975), AT1 Series (1968-1970), AT2 Series (1972), AT3 (1973), ATMX (1973), DT125 (1974-1976), MX125 (1974-1976), YZ125 (1974-1976), CT1 Series (1969-1972), CT2 (1972), CT3 (1973), DT175 (1974-1976), MX175 (1974-1975)

## \*M289 XT250 (2008-2018) & TT-R230 (2005-2019)

## M415 250-400CC Piston Port, 1968-1976

DT1 Series, DT2 Series, DT3, DT250, DT360, DT400, MX250, MX360, RT1 Series, RT2 Series, RT3, YZ250, YZ350, YZ360  
No wiring diagrams

## M412 DT & MX Series Singles 100-400, 1977-1983

DT100 (1977-1983), DT125 (1978-1981), DT175 (1978-1981), DT250 (1977-1979), DT400 (1977-1978), MX100 (1979-1983), MX175 (1979-1981)

## M414 IT125-490, 1976-1986

IT125 (1980-1981), IT175 (1977-1983), IT200 (1984-1986), IT250 (1977-1983), IT400 (1976-1979), IT425 (1980), IT465 (1981-1982), IT490 (1983-1984)

## M393 YZ50-80 Monoshock, 1978-1990

YZ50 (1980), YZ60 (1981-1982), YZ80 (1978-1990)

## M413 YZ100-490 Monoshock, 1976-1984

YZ100 (1976-1983), YZ125 (1976-1984), YZ175 (1976), YZ250 (1976-1984), YZ400 (1976-1979), YZ465 (1980-1981), YZ490 (1982-1984)

## M390 YZ125-250, 1985-1987 & YZ490, 1985-1990

## M391 YZ125-250, 1988-1993 & WR250Z, 1991-1993

YZ125 (1988-1993), YZ250 (1988-1993), YZ250WR (1989-1990), WR250Z (1991-1993)

## M497-2 YZ125, 1994-2001

## \*M498 YZ250, 1994-1998 & WR250Z, 1994-1997

## \*M406 YZ250F & WR250F, 2001-2003

## \*M491-2 YZ400F, 1998-1999; YZ426F, 2000-2002; WR400F, 1998-2000; WR426F, 2001-2002

## M417 XT125-250, 1980-1984

XT125 (1982-1983), XT200 (1982-1983) & XT250 (1980-1984)

## M480-3 XT350, 1985-2000 & TT350, 1986-1987

## M405 XT500 & TT500, 1976-1981

## M416 XT600 & TT600, 1983-1989

XT600 (1984-1989), TT600 (1983-1986)

# YAMAHA TWINS

## \*M403 650CC Twins, 1970-1982

TX650 (1970-1974), XS1 (All Years), XS2 (All Years), XS650 (1975-1982)

## \*M395-10 XV535-1100 Virago, 1981-2003

XV535 (U.S. 1987-1990, 1993-2000) (U.K. 1988-2003), XV700 (1984-1987), XV750 (1981-1983, 1988-1997), XV920 (1982-1983), XV1000 (1984-1985), XV1100 (1986-1999)

## \*M495-7 V-Star 650, 1998-2011

Custom, Classic, Silverado

## \*M284 V-Star 950, 2009-2012

## \*M281-4 V-Star 1100, 1999-2009

XVS1100 (1999), XVS1100 Custom Models (2000-2009), XVS1100A Classic Models (2000-2009)

## \*M283 V-Star 1300, 2007-2010

XVS13A; XVS13CT

## \*M282-2 Road Star, 1999-2007

XV1600A, XV1700A-Road Star (1999-2007); XV1600AS-Road Star MM Limited (2000); XV1600ALE-Road Star Limited Edition (2003); XV1700AM-Road Star Midnight (2004-2007); XV1600AT, XV1700AT-Road Star Silverado (1999-2007); XV1600AS-Road Star Midnight Star (2001-2003); XV1600ATLE-Road Star Silverado Limited Edition (2003); XV1700ATM-Road Star Midnight Silverado (2004-2007)

# YAMAHA TRIPLE

## M404 XS750 & XS850, 1977-1981

XS750 (1977-1979), XS750 II (1977-1979), XS850 (1980-1981), XS850S (1980-1981)

# YAMAHA FOURS

## M387 XJ550, XJ600 & FJ600, 1981-1992

XJ550 (1981-1983 U.S.; 1983-1984 U.K.), XJ600 (1984-1987, 1989-1992 U.K.), FJ600 (1984-1985)

## \*M388 YX600 Radian & FZ600, 1986-1990 (AVAILABLE ONLINE ONLY)

## \*M494 XJ600 Seca II/Diversion, 1992-1998

XJ600S Seca II (1992-1998 U.S.), XJ600S Seca II (1992-1996 Canada), XJ600S Diversion (1992-1998 U.K.), XJ600SC Seca II (1992-1998 California), XJ600S Seca II (1992-1996 Australia)

## M396 FZR600, 1989-1993

## M392 FZ700, FZ750 & Fazer, 1985-1987

FZ700 (1987), FZ750 (1985-1986), FZ700 Fazer (1986-1987)

## M411 XS1100, 1978-1981

XS1100E, XS1100F, XS1100SF, XS1100G, XS1100SG, XS1100H, XS1100SH

## \*M461 YZF-R6, 1999-2004

## \*M399 FZ1, 2001-2005

FZ1 (2001-2005), FZS1000 (U.K. 2001-2003)

## \*M398 YZF-R1, 1998-2003

## M397 FJ1100 & 1200, 1984-1993

FJ1100 (1984-1985), FJ1200 (1986-1993)

## \*M375-2 V-Max, 1985-2007

VMX12 (1985-2007)

## \*M374-2 Royal Star, 1996-2013

XVZ13A Royal Star/Boulevard (1996-2001), XVZ13LT Tour Deluxe (1997-2001), XVZ13AT Tour Classic (1996-2000), XVZ13TF Venture (1999-2010), XVZ13CT Tour Deluxe (2005-2010), XVZ13TFL Venture (2011-2013)

# VINTAGE MOTORCYCLES & ATVS

## CLYMER COLLECTION SERIES

### M330 British Twins

BSA 500-650cc Unit Twins (1963-1972), Norton 750 & 850cc Commandos (1969-1975), Triumph 500, 650 & 750cc Twins (1963-1979)

### M305 Vintage Japanese Street Bikes

Honda 250 & 305CC Twins; Kawasaki 250-750CC Triples; Kawasaki 900 & 1000CC Fours

## CLYMER PRO SERIES COLLECTION

Clymer ProSeries manuals provide specifications and service data in condensed format. Intended for the shop, each manual covers multiple makes and models. Maintenance, adjustment and tune-up procedures for each model are outlined with illustrations and exploded views.

### VCS-2 Two-stroke Motorcycles

Allstate, Benelli, Bridgestone, Bronco, BSA, Bultaco, Ducati, Garelli, Harley-Davidson, Hodaka, Honda, Kawasaki, Maico, Montesa, Moto Beta, Ossa, Puch, Rex, Sachs, Suzuki, Villiers, White, Yamaha

### VCS-4 Four-stroke Motorcycles

Benelli, BMW, BSA, Ducati, Gilera, Harley-Davidson, Honda, Kawasaki, Moto Guzzi, Norton, Royal Enfield, Triumph, Velocette, Yamaha

### ATV2-1 All-Terrain Vehicle Maintenance Manual, 1988-1992 Volume 2

Covers 47 models of 4-wheelers produced from 1988 through 1992. Manufacturers Covered: Honda, Kawasaki, Polaris, Suzuki, Yamaha.

# SNOWMOBILES

## ARCTIC CAT

### S836 1990-1998

Cougar, El Tigre, EXT, Pantera, Panther, Powder Extreme, Powder Special, Powder Special EFI, Prowler, Prowler Mountain Cat, Z, ZL, ZR, ZRT

## POLARIS

### S832 1984-1989

Indy Trail (1984-1989), Indy 400 (1984-1989), Indy 600 (1984-1987), Indy Sport (1987-1989), Indy 650 (1988-1989), Indy 500 (1989)

### S833 1990-1995

400 (1990-1991), 440 (1992-1995), 400 SKS (1993-1995), 500 (1990-1995), 500 SKS (1990-1995), 500 SP (1990-1992), 650 (1990-1992), 650 SKS (1990), Classic (1990-1993), RXL (1991-1995), RXL SKS (1992-1993), Sport (1990-1995), Sport GT (1990-1992), Sport Touring (1995), Super Sport (1994-1995), Trail (1990-1995), XLT (1993-1995), XLT SKS (1993-1995), XLP SP (1993-1995)

# SKI-DOO

## S829 1985-1989

Formula MX (1985-1989), Formula MX High Altitude H/A (1986), Formula Plus (1985-1989), Formula MX LT (1987-1989), Formula Plus LT (1989), Formula Mach I (1989)

## S830 1990-1995

Formula MX (1990-1995), Formula MX E (1991), Formula MX II (1993), Formula MX LT (1990), Formula MX XTC E (1991), Formula MX XTC R (1992-1993), Formula MX Z (1993-1995), Formula Plus (1990-1993), Formula Plus E (1991-1993), Formula Plus EFI (1993), Formula Plus X (1993), Formula Plus XTC (1991-1993), Formula Plus XTC E (1991), Formula Plus LT (1990), Formula SS (1995), Formula ST (1994), Formula STX (1994-1995), Formual Mach 1 (1990-1995), Formula Mach 1 XTC (1991-1993)

# YAMAHA

## S826 1984-1989

PZ480 (1984-1989), EX570 (1987-1989)

## \*S827 1997-2002 (Three-Cylinder Models)

MM600, SX600, VT600, VX600ER, VX600SX, MM700, SX700, VT700, VX700SX, VX700SXS, VX700XT, VX700XTC, VX700TCD, VX700XTCP

# VINTAGE SNOWMOBILES

## S820 Vintage Snowmobiles, Volume 1

Arctic Cat (1974-1979); John Deere (1972-1977); Kawasaki (1976-1980)

## S821 Vintage Snowmobiles, Volume 2

Polaris (1973-1979); Ski-Doo (1970-1979); Yamaha (1975-1980)

## SMS11 ProSeries Snowmobile Service Manual, 1962-1986

Condensed service data for more than 60 sled manufacturers and more than 30 engine manufactures.

# PERSONAL WATERCRAFT

# KAWASAKI

## \*W801 1976-1991

CB100 (1970-1972), CB125S (1973-1982), XL125 (1974-1978), XL175 (1973-1978), XL250 (1972-1976), CT125 (1977), SL100 (1969-1973), SL125 (1971-1973), XL100 (1974-1978), TL125 (1973-1975), CL100 (1970-1972), TL250 (1975-1976), XL350 (1974-1978), TL125S (1976), CL100S (1971-1973)

## \*W802 1992-1994

JS440SX, JS550SX, JB650 Jet Mate, JF650X2, JF650TS, JL650SC, JS650SX, JH750SS, JS750SX, JT750ST, JH750 Super Sport XI, JH750XR

# POLARIS

## \*W819 1992-1995

SL650, SL650 STD., SL750, SLT750

## \*W820 1996-1999

SL700, SLT700, SL700 Deluxe, Hurricane, SL780, SLT780, SL900, SL1050, SLH, SLTH, SLXH, SLTX

# SEA-DOO

## \*W809-3 1988-1996

Standard, GSX, GT, GTI, GTS, GTX, HX, SP, SPI, SPX, XP, XP-800

## \*W810 1997-2001

GS, GSI, GSX, GSX RFI, GSX Limited, GTI, GTS, GTX, GTX DI, GTX RFI, GTX Limited, HX, LRV, RX, RX DI, SP, SPX, XP, XP Limited

# YAMAHA

## \*W805 1987-1992

WJ500, WR500, WR650, WRA650, WRB650, SJ650

## \*W806 1993-1996

WR500, WR650, WRA650, WRA650A, WRB650, WRB650A, SJ650, FX700, SJ700, SJ700A, RA700, RA700A, RA700B, WB700, WB700A, WRA700, WRB700, WVT700, RA760, WB760, RA1100, WVT1100

## \*W807 Four Stroke PWC, 2002-2009

FX140 (2002-2004), FX (2005-2008), FX140 Crusier (2003-2004), FX Crusier (2005-2008), FX High Output (2004-2008), FX Crusier High Output (2004-2008), VX (2005-2009), VX Deluxe (2005-2009), VX Crusier (2005-2009). Does not cover 1800cc models. Does not cover 2-stroke models.

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See back cover for listing of ATVs, Scooters & Haynes Techbooks.

Color indicates new and updated titles

## Aprilia

- 4298 **RS50 & RS125**  
RS50..... '99 thru '06  
RS125..... '93 thru '06
- 4255 **RSV 1000 Mille Superbike**  
RSV Mille, 997.6cc..... '98 thru '03  
RSV Mille R, 997.6cc..... '99 thru '03
- 4755 **Aprilia SR50, Rally, Sonic, Habana & Mojito Scooters**  
SR50..... '93 thru '09  
Rally..... '95 thru '04  
Sonic..... '98 thru '08  
Habana & Mojito..... '99 thru '09

## BMW

- 4761 **F650 Singles Superbike**  
Funduro, ST Strada, FL, GS,  
GS Dakar and CS..... '94 thru '07
- 249 **2-valve Twins Superbike**  
600 thru 1000cc..... '70 thru '96
- 4872 **F650/700/800 Twins Superbike**  
650cc..... '08 thru '12  
700cc..... '12 thru '16  
800cc..... '06 thru '16
- 1373 **K100 & 75 Superbike**  
750 & 1000cc..... '83 thru '96
- 6400 **S1000RR/R & XR Superbike**  
S1000RR, 999cc..... '10 thru '17  
S1000R, 999cc..... '14 thru '17  
S1000XR, 999cc..... '15 thru '17
- 3466 **R850, 1100 & 1150 Twins Superbike**  
R850R..... '95 thru '06  
R850GS..... '99 thru '01  
R1100GS..... '94 thru '00  
R1150GS..... '00 thru '03  
R1150GS Adventure..... '02 thru '06  
R1100R..... '95 thru '01  
R1150R..... '01 thru '06  
R1150R Rockster..... '03 thru '05  
R1100RS..... '93 thru '02  
R1150RS..... '02 thru '04  
R1100S/SS..... '99 thru '05  
R1100RT..... '96 thru '01  
R1150RT..... '01 thru '05
- 4598 **R1200 Twins Superbike**  
GS, GS Adv, ST, RT & S .. '04 thru '09
- 6402 **R nineT, Scrambler, Pure, Racer & Urban G/S Superbike**  
R nineT, 1170cc..... '14 thru '18  
Scrambler, 1170cc..... '16 thru '18  
Pure, Racer & Urban G/S,  
1170cc..... '17 thru '18
- 4925 **R1200 dohc Twins Superbike**  
R1200GS/Adv..... '10 thru '12  
R1200R..... '11 thru '12  
R1200RT..... '10 thru '12
- 6281 **R1200 Liquid-Cooled Twins Superbike**  
R1200GS..... '13 thru '16  
R1200GS Adv..... '14 thru '16  
R1200R/RS..... '15 thru '16  
R1200RT..... '14 thru '16

## BSA

- 117 **BSA Bantam**  
125c, 150cc, 175cc..... '48 thru '71
- 127 **BSA Unit Singles**  
250, 350, 450 & 500cc .... '58 thru '72
- 326 **BSA Pre-unit Singles**  
350cc, 500cc, 600cc..... '54 thru '61
- BSA Rocket 3 - see Triumph #136**
- 121 **BSA A7 & A10 Twins**  
500cc & 650cc..... '47 thru '62
- 155 **BSA A50 & A65 Twins**  
500cc & 650cc..... '61 thru '73

## Ducati

- 3290 **600, 750 & 900 2-valve V-Twins Superbike**  
600SS, 583cc..... '94 thru '97  
620S, 618cc..... '03  
M600, 583cc..... '94 thru '01  
M620, 618cc..... '02 thru '05  
750SS, M750, 748cc..... '91 thru '02  
900SS, 900SL & M900,  
904cc..... '91 thru '02

- 3756 **748, 916 & 996 V-Twins Superbike**  
748 Biposto, SP, SPS..... '95 thru '99  
748 & 748 S..... '00 thru '01  
916 Strada/Biposto..... '94 thru '99  
916 Senna..... '95  
916 SP/SPS/Foggy rep .. '94 thru '98  
996 Biposto..... '99 thru '01  
996 S..... '01  
996 SPS..... '99 thru '00  
*Does not include 748R or 996R models*

## Harley-Davidson

- 2534 **Sportsters Superbike**  
XL, XLH, XLCH, XLS AND XLX  
Sportsters. 883cc, 1000cc, 1100cc  
& 1200cc..... '70 thru '13  
*Does not include XR-1000 engine  
information or 2009-on XR models.*
- 2536 **Shovelhead & Evolution Big Twins Superbike**  
FL, FX, FLT, FLH, FXR, Dyna and Softail.  
1200 & 1340cc..... '70 thru '99  
*Does not include police models.*
- 2478 **Twin Cam 88, 96 & 103 Models Superbike**  
Softail..... '00 thru '10  
Dyna Glide..... '99 thru '10  
Electra Glide, Road King  
& Road Glide..... '99 thru '10

## Honda

### Singles

- 324 **C50, C70 & C90**  
50cc, 70cc & 90cc..... '67 thru '03
- 2218 **XR50R, XR70R, XR80R, XR100R, CRF50F, CRF70F, CRF80F & CRF100F**  
49cc, 71cc, 80cc, 99cc... '85 thru '16
- 6426 **MSX125 (Grom) Superbike**  
MSX125/A (Grom)..... '13 thru '18
- 5919 **CBR125R, CBR250R, CBR300R, CB300F & CRF250 Superbike**  
CBR125R..... '11 thru '17  
CBR250R..... '11 thru '14  
CBR300R..... '15 thru '17  
CB300F..... '15 thru '18  
CRF250L..... '13 thru '18  
CRF250M..... '14 thru '15
- 5540 **CBF125 Superbike**  
125cc..... '09 thru '17
- 566 **XL/XR**  
80, 100, 125, 185, 200cc '78 thru '87
- 2222 **CR Motocross Bikes**  
CR80R, CR125R,  
CR250R & CR500R..... '86 thru '07  
CR80RB Expert..... '96 thru '07  
CR85R & CR85RB Expert '03 thru '07
- 2219 **XR250L, XR250R & XR400R**  
XR250L..... '91 thru '96  
XR250R..... '86 thru '04  
XR400R..... '96 thru '04
- 2630 **CRF250 & CRF450**  
Motocross & Off-road bikes,  
R-models & X-models .... '02 thru '06
- 567 **XL/XR**  
250 & 500cc..... '78 thru '83  
*Does not include RFVC models.*
- 2183 **XL/XR600R & XR650L/R Superbike**  
XL600R..... '83 thru '87  
XR600R..... '85 thru '00  
XR650R..... '00 thru '07  
XR650L..... '93 thru '14

### Twins

- 572 **CM185, 200 & 250**  
185, 200 & 250cc..... '77 thru '83
- 2756 **CMX250 Rebel and CB250 Nighthawk Superbike**  
CMX250 Rebel..... '85 thru '87  
CMX250 Rebel..... '96 thru '16  
CB250 Nighthawk..... '91 thru '08
- 442 **CX/GL V-Twins**  
500 & 650cc..... '78 thru '83
- 2312 **Shadow VT600 & VT750 Superbike**  
600cc..... '88 thru '07  
750cc..... '98 thru '14
- 3919 **XL600/650V Transalp & XRV750 Africa Twin Superbike**  
XL600V, XL650V..... '87 thru '07  
XRV750..... '90 thru '03
- 3744 **VTR1000F FireStorm, Super Hawk & XL1000V Varadero Superbike**  
996cc..... '97 thru '08  
*Does not cover the SP-1 or SP-2.*

- 2313 **Shadow VT1100 Superbike**  
1100cc..... '85 thru '07
- 6434 **CRF1000 Africa Twin Superbike NEW!**  
CRF1000A..... '16 thru '18  
CRF1000D (DCT)..... '16 thru '18  
CRF1000A2 Adv Sport ... '18 thru '19  
CRF1000D2 (DCT) Adv Sport  
..... '18 thru '19

### Fours and Sixes

- 262 **CB400 & 550**  
400cc & 550cc..... '73 thru '77
- 6301 **CB500F/X & CBR500R Superbike**  
471cc..... '13 thru '15
- 2070 **CBR600F2 & F3 Superbike**  
600cc..... '91 thru '98
- 1730 **CBR600F1 & 1000F Superbike**  
598 & 998cc..... '87 thru '96
- 3911 **CBR600F4 Superbike**  
CBR600F-X, F-Y, F-1, F-2, FS-1 Sport  
& FS-2 Sport..... '99 thru '06
- 4590 **CBR600RR Superbike**  
CBR600RR-3, CBR600RR4,  
CRB600RR-5 & CBR600RR-6  
..... '03 thru '06
- 4795 **CBR600RR Superbike**  
600cc..... '07 thru '12
- 5572 **CB600F Hornet, CBF600 & CBR600F Superbike**  
CB600F Hornet..... '07 thru '12  
CBF600..... '08 thru '12  
CBR600F..... '11 thru '12
- 6461 **CB/600 Superbike NEW!**  
CB650F/FA..... '18  
CBR650F/FA..... '14 thru '18  
CB650R/RA..... '19  
CBR650R/RA..... '19
- 665 **CB650 sohc**  
650cc..... '79 thru '82
- 2101 **VFR700/750 V-Fours Superbike**  
700cc..... '86 thru '87  
750cc..... '86 thru '97
- 131 **CB750 sohc**  
750cc..... '69 thru '78
- 820 **Sabre & Magna V-Fours**  
700/750cc Sabre..... '82 thru '85  
700/750cc Magna..... '82 thru '88  
1100 Sabre..... '84 thru '85  
1100 Magna..... '83 thru '86
- 535 **CB750 & 900 dohc**  
C, F, K & SC models..... '78 thru '84  
*Does not include CB900 Custom.*
- 3703 **VFR800 V-Fours Superbike**  
781cc..... '97 thru '01  
*Does not include 2002 VFR V4 VTEC.*
- 4196 **VFR800 VTEC Superbike**  
782cc..... '02 thru '09
- 2161 **CBR900RR (Fireblade) Superbike**  
900cc..... '92 thru '99
- 4060 **CBR900RR (Fireblade) Superbike**  
929cc & 954cc..... '00 thru '03
- 4604 **CBR1000RR (Fireblade) Superbike**  
998cc..... '04 thru '07
- 5688 **CBR1000RR (Fireblade) Superbike**  
999cc..... '08 thru '13
- 309 **GL1000 Gold Wing**  
1000cc..... '75 thru '79
- 669 **GL1100 Gold Wing**  
1100cc..... '79 thru '81
- 2199 **GL1200 Gold Wing**  
1200cc..... '84 thru '87  
*Does not include fuel-injected models.*
- 2225 **GL1500 Gold Wing**  
1500cc..... '88 thru '00
- 2787 **GL1800 Gold Wing Superbike**  
1800cc..... '01 thru '10
- 3384 **ST1100 V-Fours Superbike**  
ST1100..... '91 thru '02  
ST1100 ABS/TCS..... '92 thru '95  
ST1100 ABS/TCS/LBS..... '96 thru '02
- 3901 **CBR1100XX Super Blackbird Superbike**  
1137cc..... '97 thru '07
- 4908 **ST1300/1300A (Pan European) Superbike**  
1260cc..... '02 thru '11

## Kawasaki

### Singles

- 1371 **KE100**  
100cc..... '75 thru '99



**Twins**

- 281 **KZ400 & 440**  
400cc & 440cc ..... '74 thru '81
- 2053 **454LTD/LTD450, Vulcan 500 & Ninja 250R Superbike**  
EN450 (454LTD/LTD450) ... '85 thru '90  
EN500 (Vulcan) ..... '90 thru '07  
EX250 (Ninja/Ninja R) ..... '86 thru '07
- 2052 **EX500 & Ninja 500 Superbike**  
EX500A, EX500D ..... '87 thru '08
- 4874 **EX650 & ER650 Superbike**  
EX650A/B ..... '06 thru '08  
EX650C/D ..... '09 thru '11  
EX650E/F ..... '12 thru '16  
ER650A/B ..... '06 thru '08  
ER650C/D ..... '09 thru '11  
ER650E/F ..... '12 thru '16
- 2457 **Vulcan 700/750/800 Superbike**  
699cc ..... '85  
749cc ..... '85 thru '06  
805cc ..... '95 thru '06

**Triples**

- 134 **S1, S2, S3 & KH**  
250cc, 350cc & 400cc..... '72 thru '79

**Fours**

- 910 **KZ & ZX 550**  
550cc ..... '80 thru '85
- 3541 **ZX-6R Superbike**  
599cc..... '95 thru '02
- 3382 **ZR550 & ZR750 Zephyr Fours Superbike**  
ZR550 B Zephyr ..... '90 thru '93  
ZR750 C Zephyr ..... '91 thru '93
- 2146 **ZX600D & ZX600E (ZZ-R600 & Ninja ZX-6) Superbike**  
ZZ-R600 ..... '03 thru '06  
Ninja ZX-6 ..... '90 thru '02
- 1780 **ZX600 & 750 Ninjas Superbike**  
ZX600A (Ninja 600R) ..... '85 thru '87  
ZX600B (Ninja 600RX) ..... '87  
ZX600C (Ninja 600R) ..... '88 thru '97  
ZX750F (Ninja 750R) ..... '87 thru '90
- 2054 **ZX-7 Ninjas Superbike**  
ZX750 ..... '89 thru '95
- 3721 **ZX7-R & ZX-9R Ninjas Superbike**  
ZX750P (ZX-7R) ..... '96 thru '03  
ZX900B (ZX-9R) ..... '94 thru '97  
ZX900C/D (ZX-9R) ..... '98 and '99  
ZX900E (ZX-9R) ..... '00 and '01  
ZX900F (ZX-9R) ..... '02 thru '04
- 4742 **ZX6 (Ninja ZX-6R) Superbike**  
ZX600K, ZX600M, ZX600N, (ZX-6RR), 599cc ..... '03 thru '06  
ZX636B, ZX636C, (ZX-6R), 636cc ..... '03 thru '06
- 373 **KZ650**  
650cc ..... '76 thru '78
- 574 **KZ & ZX750**  
750cc ..... '80 thru '85
- 4762 **Z750 & Z1000 Superbike**  
ZR750-J, ZR750-L & ZR-750-M (ABS) ..... '04 thru '08  
ZR1000-A, ZR1000-B & ZR1000-C (ABS) ..... '03 thru '08
- 5542 **ZX-10R Ninja Superbike**  
1000cc..... '04 thru '10
- 222 **Z1 & KZ900 & 1000**  
900cc & 1000cc ..... '73 thru '77
- 1681 **ZX900/1000/1100 Ninja Superbike**  
900cc ..... '83 thru '86  
1000cc ..... '85 thru '90  
1100cc ..... '90 thru '97
- 6377 **Z1000SX/Ninja, Z1000 & Versys 1000 Superbike**  
1000cc..... '10 thru '16
- 4913 **Vulcan 1500/1600 Superbike**  
1500cc ..... '87 thru '08  
1600cc ..... '03 thru '08

**KTM**

- 4629 **EXC Enduros & SX Motocross Superbike**  
SOHC 4-strokes, 249cc, 398cc, 448cc & 510cc .... '00 thru '07  
*Does not include the dohc EXC-F or SX-F.*

**Moto Guzzi**

- 339 **750, 850 & 1000 V-Twins**  
750, 850 & 1000cc ..... '75 thru '78

**Norton**

- 187 **Twins**  
500, 600, 650 & 750cc .... '57 thru '70
- 125 **Commando**  
750 & 850cc ..... '68 thru '77

**Royal Enfield**

- 6427 **500 Bullet/Classic & 535 Continental GT Superbike NEW!**  
Bullet (B5), Electra (E5,G5) & Classic (C5). ..... '09 thru '18  
Continental GT..... '13 thru '17

**Suzuki**

**Singles**

- 2933 **DR-Z400 Superbike**  
DR-Z400 (kick start) ..... '00 thru '05  
DR-Z400E (electric start) . '00 thru '09  
DR-Z400S..... '00 thru '10  
DR-Z400SM..... '05 thru '10

**Twins**

- 736 **GS250 & 450**  
250 & 450cc ..... '79 thru '85
- 3238 **GS500, GS500E & GS500F Superbike**  
487cc..... '89 thru '08
- 3912 **SV650 & SV650S Superbike**  
645cc ..... '99 thru '08
- 5643 **DL650 V-Strom & SFV650 Gladius Superbike**  
DL650/650A V-Strom ..... '04 thru '13  
SFV650/650A Gladius ..... '09 thru '13
- 2618 **Intruder, Marauder, Volusia, & Boulevard Superbike**  
VS700, VS750 & VS800 Intruder ..... '85 thru '04  
VZ800 Marauder ..... '97 thru '04  
VL800 Volusia ..... '01 thru '04  
Boulevard C50/M50 ..... '05 thru '19  
Boulevard S50 ..... '05 thru '09  
*Does not include VX800 Marauder.*

- 4083 **TL1000S, TL1000R & DL1000 V-Strom Superbike**  
996cc..... '97 thru '04

**Fours**

- 363 **GS550 & 750**  
550cc ..... '76 thru '82  
750cc ..... '76 thru '79
- 3367 **GSF600, 650 & GSF1200 Bandit Superbike**  
599cc, 656cc, 1157cc..... '95 thru '06
- 3553 **GSX-R600 & 750 Fours Superbike**  
GSX-R600 ..... '97 thru '00  
GSX-R750 ..... '96 thru '99
- 4790 **GSXR600 & 750 Superbike**  
GSX-R600/750 ..... '06 thru '16
- 3986 **GSX-R600, 750 & 1000 Superbike**  
GSX-R600 ..... '01 thru '03  
GSX-R750 ..... '00 thru '03  
GSX-R1000 ..... '01 thru '02
- 4382 **GSX-R600, 750 & 1000 Superbike**  
GSX-R600, GSX-R750 .... '04 thru '05  
GSX-R1000 ..... '03 thru '08
- 2055 **GSX-R & Katana Superbike**  
GSX-R750, 748/749cc .... '86 thru '92  
GSX-R1100 ..... '86 thru '92  
GSX600F Katana ..... '88 thru '96  
GSX750F Katana ..... '89 thru '96  
GSX1100F Katana ..... '88 thru '93
- 3987 **GSX600F/GSX750F/GSX750 Superbike**  
600cc & 750cc ..... '98 thru '02
- 536 **GS850**  
850cc ..... '78 thru '83
- 484 **GS1000**  
1000cc ..... '77 thru '79
- 6345 **GSX-R1000 Superbike**  
998cc..... '09 thru '16
- 737 **GSX/GS1000, 1100 & 1150**  
Including Katana models, 1000cc, 1100cc & 1150cc ..... '79 thru '88
- 4184 **GSX1300R Hayabusa Superbike**  
1299 & 1340cc ..... '99 thru '13
- 4798 **GSF650/1250 Bandit & GSX650/1250F Superbike**  
GSF650/1250 Bandit..... '07 thru '12  
GSX650/1250F ..... '08 thru '14
- 4758 **GSX1400 Superbike**  
GSX1400K2-K7 ..... '02 thru '08  
*(Includes Final Edition Model)*

**Triumph**

**Singles**

- 414 **Tiger Cub & Terrier**  
150 & 200cc ..... '52 thru '68

**Twins**

- 137 **Unit Twins**  
350 & 500cc ..... '57 thru '73
- 251 **Pre-Unit Twins**  
500 & 650cc ..... '47 thru '62
- 122 **2-valve Unit Twins**  
650 & 750cc ..... '63 thru '83
- 4364 **Bonneville, T100, Speedmaster, America, & Thruxton Superbike**  
Bonneville ..... '01 thru '15  
T100 ..... '02 thru '15  
America ..... '02 thru '15  
Speedmaster ..... '03 thru '15  
Thruxton ..... '04 thru '15  
Scrambler ..... '06 thru '15
- 6401 **Bonneville, T100, T120, Bobber, Thruxton, Street Twin, Cup & Scrambler Superbike**  
Street Twin, 900cc..... '16 thru '17  
Street Cup, Street Scrambler & Bonneville T100, 900cc... '17  
Bonneville T120, 1200cc.... '16 thru '17  
Bobber, 1200cc..... '17  
Thruxton & Thruxton R, 1200cc..... '16 thru '17

**Triples & Fours**

- 4876 **675 Daytona & Street Triple Superbike**  
Daytona 675 ..... '06 thru '12  
Street Triple 675 ..... '07 thru '16  
Street Triple R 675 ..... '09 thru '16
- 136 **Trident & BSA Rocket 3**  
750cc ..... '69 thru '75
- 2162 **750/900 Triples & 1200 Fours Superbike**  
750, 900 & 1200cc ..... '91 thru '04  
*Fuel injected T509/955i Speed Triple, Sprint ST & RS, T595/955i Daytona and 1999-on Tiger models are not covered by this manual.*
- 5752 **Tiger 800/800 XC Superbike**  
799cc ..... '10 thru '14
- 3755 **Daytona, Speed Triple, Sprint & Tiger Superbike**  
885 & 955cc ..... '97 thru '05
- 4796 **1050 Sprint, Speed Triple & Tiger Superbike**  
Sprint ST..... '05 thru '11  
Sprint GT ..... '11 thru '15  
Speed Triple/Triple R ..... '05 thru '15  
Tiger, Tiger SE/Sport ..... '07 thru '15  
*(Special Edition versions, 94 & 94R Speed Triples included)*

**Yamaha**

**Singles**

- 4797 **YBR125 & XT125R/X**  
125cc ..... '05 thru '09
  - 2350 **Trail Bikes**  
PW50, 49cc ..... '81 thru '16  
PW80, 79cc ..... '91 thru '06  
RT100, 97cc ..... '90 thru '00  
RT180, 176cc ..... '90 thru '98  
TT-R90, 89cc ..... '99 thru '03  
TT-R125/125L, 124cc .... '99 thru '03  
TT-R225, 223cc ..... '99 thru '04  
TT-R250, 249cc ..... '99 thru '06  
XT225, 223cc ..... '92 thru '07  
XT350, 346cc ..... '85 thru '00  
*Does not include 2003 TT-R90E models.*
  - 2662 **2-stroke Motocross Bikes**  
YZ80, YZ85, YZ125 & YZ250 ..... '86 thru '06  
*Does not include WR models.*
  - 2689 **4-stroke Motocross & Off-road Bikes Superbike**  
YZ250F, YZ400F, YZ426F & YZ450F ..... '98 thru '08  
WR250F, WR400F, WR426F & WR450F .... '98 thru '08
  - 331 **RS & RXS**  
100cc & 125cc ..... '74 thru '95
  - 342 **XT, TT & SR**  
500cc ..... '75 thru '81
- Twins**
- 040 **RD, YDS7 & YR5**  
250 cc& 350cc ..... '73 thru '75



## Yamaha (Cont.)

- 378 **XS250, 360 & 400**  
250cc, 360cc & 400cc ..... '75 thru '84
  - 1158 **RD350 YPVS**  
350cc ..... '83 thru '95
  - 333 **RD400**  
400cc ..... '75 thru '79
  - 821 **XZ Vision V-Twin**  
550cc ..... '82 thru '83
  - 341 **XS & TX**  
650cc ..... '70 thru '83
  - 802 **XV Virago V-Twins Superbike**  
535cc ..... '87 thru '03  
699cc ..... '84 thru '87  
748cc ..... '81 thru '83  
748cc ..... '88 thru '97  
920cc ..... '81 thru '83  
981cc ..... '84 thru '85  
1063cc ..... '86 thru '99
  - 4195 **XVS650 & 1100 Superbike**  
**V-Star & Drag Star**  
XVS650/650A/650S ..... '98 thru '11  
XVS1100/1100A/1100S ..... '99 thru '09
- Triples**
- 340 **XS750 & 850**  
750cc & 850cc ..... '76 thru '81
  - 6333 **MT-09, FZ-09, Tracer FJ-09 & XSR900 Superbike**

- Fours**
- 847cc ..... '13 thru '16
  - 3900 **YZF-R6 Superbike**  
599cc ..... '99 thru '02
  - 4601 **YZF-R6 Superbike**  
600cc ..... '03 thru '05
  - 5544 **YZF-R6 Superbike**  
599cc ..... '06 thru '13
  - 2100 **FJ, FZ, XJ & YX600 Radian**  
600cc ..... '84 thru '90
  - 4751 **FZ6 Fazer Superbike**  
S/SA Fazer & N/NA ..... '04 thru '07  
S2 & Fazer S2 ..... '07 thru '08
  - 2145 **XJ600S & XJ600N Superbike**  
XJ600S Diversion ..... '92 thru '03  
XJ600 S Seca II ..... '92 thru '99  
XJ600N ..... '95 thru '03
  - 3702 **YZF600R & FZS600 Superbike**  
YZF600R Thundercat ..... '96 thru '03  
FZS600/600S Fazer ..... '98 thru '03
  - 5889 **FJ6 & FZ6R Superbike**  
600cc ..... '09 thru '15
  - 6385 **MT-07 (FZ-07), Tracer & XSR700 Superbike**  
689cc ..... '15 thru '17
  - 2056 **FZR 600, 750 & 1000 Superbike**  
600cc ..... '89 thru '96  
750cc ..... '87 thru '88  
1000cc ..... '87 thru '95

- 738 **XJ650 & 750**  
650cc & 750cc ..... '80 thru '84
- 3720 **YZF750R & YZF750SP Superbike**  
749cc ..... '93 thru '98  
YZF100R, 1002cc ..... '96 thru '00  
*R1 models covered in manual #3754*
- 3540 **TDM850, TRX850 & XTZ750 Super Ténéré Superbike**  
TDM850 ..... '91 thru '99  
TRX850 ..... '96 thru '99  
XTZ750 Super Ténéré ..... '89 thru '95
- 3754 **YZF-R1 Superbike**  
998cc ..... '98 thru '03  
*YZF1000R Thunderace is covered in manual #3720*
- 4605 **YZF-R1 Superbike**  
998cc ..... '04 thru '06
- 4287 **FZS1000 Fazer Superbike**  
FZS1000 & FZS1000S,  
998cc ..... '01 thru '05
- 2057 **FJ1100/1200/1200A Superbike**  
1097cc ..... '84 thru '85  
1188cc ..... '86 thru '93
- 4072 **VMX1200 V-Max Superbike**  
1198cc ..... '85 thru '03  
*Restricted and full power versions.*
- 5607 **FJR1300 Superbike**  
1298cc ..... '01 thru '13

## ATVs

- 2910 **Artic Cat DVX400 ATV Superbike**  
400cc ..... '04 thru '08
- 565 **Honda ATC70, 90, 110, 185 & 200**  
70, 90, 110, 185, 200cc .. '71 thru '82  
*Does not cover the 199cc RFVC-engined (4-valve) 1984-85 XR200 R*
- 2553 **Honda TRX250, TRX250EX & TRX350 ATVs**  
TRX250 Recon ..... '97 thru '09  
TRX250EX Sportrax ..... '01 thru '09  
TRX350 Rancher ..... '00 thru '05
- 2125 **Honda TRX300 Shaft Drive**  
300cc ..... '88 thru '00
- 2318 **Honda TRX300EX, 400EX/X & TRX450R/ER ATVs**  
282cc, 397cc & 449cc ..... '93 thru '14
- 2465 **Honda Foreman & Rubicon ATVs Superbike**  
Foreman 400, 395cc ..... '95 thru '03  
Foreman 450, 433cc ..... '98 thru '04  
Rubicon 500, 499cc ..... '05 thru '11  
*(Does not include Foreman 500 gearshift models (FE, FPE, FM, FPM, or TM))*
- 2351 **Kawasaki Bayou & Prairie ATVs Superbike**  
Bayou 220, 250, 300 &  
Prairie 300 ..... '86 thru '11
- 2910 **Kawasaki KFX400 ATV Superbike**  
400cc ..... '03 thru '06
- 2302 **Polaris ATVs**  
All 250-500cc models ..... '85 thru '97
- 2508 **Polaris ATVs, Gasoline PVT models**  
All 250-800cc models ..... '98 thru '07  
*Does not include Xpedition, Predator, X-2, diesel or 335cc gasoline models.*
- 2910 **Suzuki LT-Z400 ATV Superbike**  
400cc ..... '03 thru '09
- 1154 **Yamaha ATVs**  
All 3 & 4 wheelers ..... '80 thru '85
- 2317 **Yamaha YFS200 Blaster**  
200cc ..... '88 thru '06

- 2314 **Yamaha Banshee, Warrior & Raptor Superbike**  
347cc & 348cc ..... '87 thru '10
- 2126 **Yamaha YFB/YFM ATVs Superbike**  
Timberwolf (2WD/4WD) ... '92 thru '00  
Bruin 250 ..... '05 thru '06  
Bear Tracker ..... '99 thru '04  
350ER ..... '87 thru '95  
Big Bear 250/350/400 ..... '87 thru '09
- 2899 **Yamaha YFZ450/450R ATVs Superbike**  
YFZ450, 439 cc ..... '04 thru '09  
YFZ450, 439 cc ..... '12 thru '13  
YFZ450R, 449cc ..... '09 thru '17
- 2567 **Yamaha Kodiak & Grizzly**  
Kodiak 400 & 450,  
386cc, 401cc, 421cc ... '93 thru '05  
Grizzly 600 & 660,  
595cc & 660cc ..... '98 thru '05
- 2977 **Yamaha Raptor Superbike**  
660cc & 700cc ..... '01 thru '12

## Chinese

- 4871 **Chinese, Taiwanese and Korean 125cc Motorcycles**  
*Covers all popular models with four stroke single and twin cylinder carburetor engines from '03 thru '15*

## Scooters

- 4768 **Chinese, Taiwanese and Korean Scooters**  
50-200cc engines ..... '08 thru '14
- 6447 **Honda PCX125/150 Superbike NEW!**  
125cc & 150cc ..... '10 thru '19
- 6034 **Kymco Superbike**  
Agility 50/125 ..... '05 thru '15  
Agility City 50/125 ..... '08 thru '15  
Agility RS50/125 ..... '09 thru '15  
Super 8 50/125 ..... '07 thru '15

- 5573 **Lambretta Superbike**  
125cc, 150cc, 175cc & 200cc  
..... '58 thru '00  
*Includes Serveta & SIL models.*
- 3920 **Peugeot Speedflight, Trekker & Vivacity**  
Speedflight ..... '96 thru '08  
Trekker ..... '97 thru '08  
Vivacity ..... '99 thru '08
- 3492 **Piaggio & Vespa**  
Piaggio Sfera, Typhoon, Skipper,  
Hexagon, Liberty, Zip, Fly, NRG,  
B125, X8 and X9 ..... '91 thru '09  
Vespa ET2, ET4, LX & GT.. '96 thru '09
- 2760 **Scooters Superbike**  
*Covers all popular models of Daelim, Honda, Kymco, Piaggio, Vespa and Yamaha scooters. Automatic transmission, 50 to 250cc, two-wheel, carbureted models.*
- 4909 **Suzuki Burgman Superbike**  
250cc and 400cc ..... '98 thru '15
- 4082 **Twist & Go (Automatic Transmission) Scooters**  
50-250cc carbureted engines
- 707 **Vespa P/PX125, 150 & 200**  
123cc, 150cc & 198cc .... '78 thru '14
- 126 **Vespa**  
100cc, 125cc, 150cc,  
185cc & 200cc ..... '59 thru '78
- 4898 **Vespa Superbike**  
LX125/150 ..... '09 thru '14  
LXV125/150 ..... '10 thru '14  
S125/150 ..... '09 thru '13  
Primavera & Sprint ..... '14 thru '18  
GTS125/150 ..... '09 thru '18  
GTS250 ..... '05 thru '09  
GTV/GT250 ..... '07 thru '10  
GTS300 ..... '08 thru '18  
GTV300 ..... '10  
*(Includes Super, SuperSport, Touring, i-get & Special Edition/Anniversary models)*

## Techbooks

- 3514 **Motorcycle Fuel Systems Manual**  
This book covers all fuel systems, from the basic operation of the carburetor and fuelling theory to the most sophisticated electronically controlled fuel injection in use today.
- 3515 **Motorcycle Basics Manual**  
This book will provide the reader with a sound understanding of how motorcycle components function and how they have been developed. Simple terminology is used and the text is supported by numerous illustrations.
- 3470 **Motorcycle Workshop Practice Manual**  
Some topics covered are: use of tools, workshop layout, engine overhaul, repairing accident damage, dealing with engine seizure, removing damaged fasteners, frame coatings and welding.
- 3471 **Motorcycle Electrical Manual**  
Uses easy-to-follow text and line drawings to explain subjects from basic electrical principles to state-of-the-art systems.
- 4071 **Motorcycle Maintenance Techbook**  
Aimed at the DIY mechanic, this book explains how to perform service and minor repairs and is illustrated with over 900 color photographs. Includes information on how to build up a toolkit and keep service records.

- 4272 **Motorcycle Modifying Manual**  
Practical advice, accompanied by photographic step-by-step procedures, for customizing popular superbikes. Includes exhaust systems, bodypanels, engine mods, instrumentation and upgrades to shocks and brakes, and much more.
- 6035 **Pit Bikes Manual Superbike**  
Based on the popular Stomp brand models, a generic approach to Pit Bike maintenance and repair. Procedures cover the build and PDI of a pit bike from crate, regular maintenance and adjustments, full engine stripdown, chain/sprockets, suspension bearings, front fork strip, tyre changing and electrical tests (including a wiring diagram).
- 10340 **Small Engine Repair Manual 5 HP or less**  
This book provides all there is to know about small engine repair for up to and including 5 HP engines. Includes Briggs & Stratton, Honda, Sears Craftsman and Tecumseh.
- 10450 **ATV Basics Manual**  
A guide to ATV ownership, including a buyer's guide, tool list, maintenance and troubleshooting information.
- 10452 **Scooters, 50cc to 200cc**  
A guide to servicing and routine maintenance including engine, transmission, fuel & ignition system repairs. Includes specifications on the most popular models.

