

2010 MUSTANG GT MANUAL TRANSMISSION

2010 MUSTANG GT MANUAL TRANSMISSION: A DRIVER'S PERSPECTIVE

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INTRODUCTION:

THE 2010 FORD MUSTANG GT, EQUIPPED WITH ITS ROBUST MANUAL TRANSMISSION, REMAINS A HIGHLY SOUGHT-AFTER MUSCLE CAR. THIS EXAMINATION DELVES INTO THE DRIVING EXPERIENCE, HIGHLIGHTING BOTH THE EXHILARATING OPPORTUNITIES AND THE POTENTIAL CHALLENGES ASSOCIATED WITH OWNING A 2010 MUSTANG GT MANUAL TRANSMISSION. WE WILL EXPLORE ITS PERFORMANCE CAPABILITIES, MAINTENANCE REQUIREMENTS, COMMON ISSUES, AND OVERALL VALUE PROPOSITION.

H1: PERFORMANCE AND HANDLING OF THE 2010 MUSTANG GT MANUAL TRANSMISSION

THE 2010 MUSTANG GT'S 4.6L V8 ENGINE, PAIRED WITH THE MANUAL TRANSMISSION, DELIVERS A THRILLING DRIVING EXPERIENCE. THE IMMEDIATE THROTTLE RESPONSE AND THE SATISFYING ENGAGEMENT OF THE SIX-SPEED GEARBOX PROVIDE A VISCERAL CONNECTION TO THE CAR'S POWER. HOWEVER, THE RELATIVELY HEAVY WEIGHT OF THE CAR CAN SOMETIMES HINDER ITS AGILITY, PARTICULARLY IN TIGHT CORNERS. THE MANUAL TRANSMISSION, WHILE REWARDING FOR EXPERIENCED DRIVERS, DEMANDS A DEGREE OF SKILL AND PRECISION. SMOOTH SHIFTING IS CRUCIAL TO MAXIMIZING PERFORMANCE AND MINIMIZING WEAR ON THE CLUTCH AND TRANSMISSION. THE 2010 MUSTANG GT MANUAL TRANSMISSION'S GEAR RATIOS ARE WELL-SUITED TO BOTH SPIRITED DRIVING AND HIGHWAY CRUISING, MAKING IT A VERSATILE CHOICE.

H2: MAINTENANCE AND COMMON ISSUES OF THE 2010 MUSTANG GT MANUAL TRANSMISSION

REGULAR MAINTENANCE IS CRITICAL FOR PRESERVING THE LONGEVITY AND PERFORMANCE OF THE 2010 MUSTANG GT MANUAL TRANSMISSION. THIS INCLUDES TIMELY FLUID CHANGES USING THE MANUFACTURER-RECOMMENDED LUBRICANT, CAREFUL CLUTCH ENGAGEMENT TO PREVENT PREMATURE WEAR, AND REGULAR INSPECTION FOR LEAKS OR UNUSUAL NOISES. SOME COMMON ISSUES REPORTED BY OWNERS INCLUDE CLUTCH SLIPPAGE (OFTEN DUE TO WEAR OR ABUSE), SYNCHRONIZER PROBLEMS RESULTING IN DIFFICULT SHIFTING, AND OCCASIONAL LEAKS FROM THE TRANSMISSION SEALS. THESE PROBLEMS, IF ADDRESSED PROMPTLY, CAN PREVENT MORE EXTENSIVE AND COSTLY REPAIRS DOWN THE LINE. CAREFUL DRIVING HABITS, SUCH AS AVOIDING HARSH STARTS AND QUICK SHIFTS, CAN SIGNIFICANTLY EXTEND THE LIFE OF THE 2010 MUSTANG GT MANUAL TRANSMISSION.

H3: THE VALUE PROPOSITION: BUYING A USED 2010 MUSTANG GT MANUAL TRANSMISSION

THE 2010 MUSTANG GT MANUAL TRANSMISSION OFFERS A COMPELLING VALUE PROPOSITION FOR CAR ENTHUSIASTS SEEKING A POWERFUL AND ENGAGING MUSCLE CAR WITHOUT BREAKING THE BANK. COMPARED TO NEWER MODELS, USED 2010 GTs ARE SIGNIFICANTLY MORE AFFORDABLE, MAKING THEM AN ATTRACTIVE ENTRY POINT INTO MUSTANG OWNERSHIP. HOWEVER, PROSPECTIVE BUYERS SHOULD CAREFULLY INSPECT THE CAR FOR ANY SIGNS OF WEAR AND TEAR, PARTICULARLY FOCUSING ON THE TRANSMISSION AND CLUTCH. A PRE-PURCHASE INSPECTION BY A QUALIFIED MECHANIC IS HIGHLY RECOMMENDED TO IDENTIFY ANY POTENTIAL PROBLEMS BEFORE COMMITTING TO A PURCHASE. THE OVERALL CONDITION OF THE CAR, ITS MAINTENANCE HISTORY, AND THE MILEAGE WILL SIGNIFICANTLY IMPACT ITS VALUE AND LONGEVITY.

H4: MODIFICATIONS AND UPGRADES FOR THE 2010 MUSTANG GT MANUAL TRANSMISSION

THE 2010 MUSTANG GT MANUAL TRANSMISSION LENDS ITSELF WELL TO MODIFICATIONS AND UPGRADES, ALLOWING OWNERS TO FURTHER PERSONALIZE THEIR DRIVING EXPERIENCE. UPGRADES SUCH AS PERFORMANCE CLUTCHES, SHORT-THROW SHIFTERS, AND UPGRADED GEAR RATIOS CAN SIGNIFICANTLY ENHANCE THE CAR'S PERFORMANCE. HOWEVER, IT'S IMPORTANT TO CAREFULLY RESEARCH AND SELECT REPUTABLE PARTS AND INSTALLERS TO AVOID COMPROMISING THE RELIABILITY OF THE TRANSMISSION. IMPROPER MODIFICATIONS CAN LEAD TO PREMATURE WEAR, DAMAGE, AND EVEN FAILURE OF THE TRANSMISSION COMPONENTS.

H5: THE DRIVING EXPERIENCE: A BLEND OF MUSCLE AND REFINEMENT

THE 2010 MUSTANG GT MANUAL TRANSMISSION OFFERS A UNIQUE DRIVING EXPERIENCE THAT BALANCES RAW POWER WITH A DEGREE OF REFINEMENT. THE V8 ENGINE'S RUMBLE PROVIDES A SATISFYING SOUNDTRACK TO ACCOMPANY THE EXHILARATING ACCELERATION. THE MANUAL TRANSMISSION'S DIRECT ENGAGEMENT ALLOWS FOR PRECISE CONTROL, MAKING EVERY SHIFT A REWARDING PART OF THE DRIVING EXPERIENCE. HOWEVER, THE RIDE CAN BE FIRM, AND ROAD IMPERFECTIONS CAN BE FELT MORE ACUTELY THAN IN SOME MORE MODERN CARS.

CONCLUSION:

THE 2010 MUSTANG GT MANUAL TRANSMISSION REPRESENTS AN EXCELLENT BLEND OF PERFORMANCE, VALUE, AND DRIVING ENJOYMENT. WHILE IT DOES PRESENT SOME POTENTIAL CHALLENGES RELATED TO MAINTENANCE AND POTENTIAL ISSUES, THESE ARE OFTEN MANAGEABLE WITH PROPER CARE AND ATTENTION. FOR ENTHUSIASTS SEEKING A REWARDING DRIVING EXPERIENCE AND A RELATIVELY AFFORDABLE MUSCLE CAR, THE 2010 MUSTANG GT MANUAL TRANSMISSION REMAINS A COMPELLING CHOICE.

FAQs:

1. WHAT IS THE AVERAGE FUEL ECONOMY OF A 2010 MUSTANG GT MANUAL TRANSMISSION? EXPECT AROUND 15-18 MPG COMBINED, DEPENDING ON DRIVING STYLE.
2. HOW MUCH DOES A USED 2010 MUSTANG GT MANUAL TRANSMISSION TYPICALLY COST? PRICES VARY BASED ON CONDITION AND MILEAGE, BUT EXPECT TO PAY ANYWHERE FROM \$10,000 TO \$20,000.
3. WHAT ARE THE COMMON PROBLEMS WITH THE 2010 MUSTANG GT MANUAL TRANSMISSION? CLUTCH SLIPPAGE, SYNCHRONIZER ISSUES, AND TRANSMISSION LEAKS ARE POTENTIAL PROBLEMS.
4. HOW OFTEN SHOULD I CHANGE THE TRANSMISSION FLUID IN MY 2010 MUSTANG GT? CONSULT YOUR OWNER'S MANUAL FOR THE RECOMMENDED INTERVAL, GENERALLY EVERY 50,000-75,000 MILES.
5. IS IT DIFFICULT TO FIND PARTS FOR A 2010 MUSTANG GT MANUAL TRANSMISSION? PARTS ARE READILY AVAILABLE FROM BOTH FORD DEALERSHIPS AND AFTERMARKET SUPPLIERS.
6. WHAT IS THE LIFESPAN OF A 2010 MUSTANG GT MANUAL TRANSMISSION WITH PROPER MAINTENANCE? WITH PROPER MAINTENANCE, A MANUAL TRANSMISSION CAN EASILY LAST FOR 150,000 MILES OR MORE.
7. CAN I INSTALL A SHORT-THROW SHIFTER IN MY 2010 MUSTANG GT? YES, MANY AFTERMARKET SHORT-THROW SHIFTERS ARE AVAILABLE.
8. WHAT TYPE OF TRANSMISSION FLUID DOES MY 2010 MUSTANG GT MANUAL TRANSMISSION USE? REFER TO YOUR OWNER'S MANUAL FOR THE SPECIFIED FLUID TYPE.
9. ARE THERE ANY KNOWN RECALLS AFFECTING THE 2010 MUSTANG GT MANUAL TRANSMISSION? CHECK THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA) WEBSITE FOR ANY RECALLS AFFECTING YOUR SPECIFIC VEHICLE.

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 **2010 mustang gt manual transmission: Chilton's Ford Mustang 2005-07 Repair Manual** Mike Stubblefield, 2007 Covers U.S. and Canadian models of Ford Mustang. Does not include information specific to Shelby GT500 Cobra models.

2010 mustang gt manual transmission: How to Rebuild and Modify High-Performance Manual Transmissions Paul Cangialosi, 2010 How to Rebuild and Modify High-Performance Manual Transmissions breaks down the disassembly, inspection, modification/upgrade, and rebuilding process into detailed yet easy-to-follow steps consistent with our other Workbench series books. The latest techniques and insider tips are revealed, so an enthusiast can quickly perform a tear-down, identify worn parts, select the best components, and successfully assemble a high-performance transmission. Transmission expert and designer Paul Cangialosi shares his proven rebuilding methods, insight, and 27 years of knowledge in the transmission industry. He guides you through the rebuilding process for most major high-performance transmissions, including BorgWarner T10 and super T10, GM/Muncie, Ford Toploader, and Tremec T5. This new edition also contains a complete step-by-step rebuild of the Chrysler A833 transmission.

2010 mustang gt manual transmission: Mustang Special Editions Jonathan Klein, Jeffrey Klein, 2018-10-15 When Ford rolled out the Mustang in April 1964 it was an instant hit. Even with its immense popularity it didn't stop Ford Corporate, zone managers, and dealerships from taking it an extra step further. Just two short months later, the first special-edition Mustang debuted at the Indianapolis 500 tasked with pacing the race, and it's been full throttle ever since. This book examines more than 300 special-edition Mustangs from 1964 through today. Coverage includes factory offerings such as the 2001 Bullitt and SVT Cobras, regional promotions including the Twister Special, third-party tuners such as Roush and Saleen, and factory race cars including the 1968-1/2

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2010 mustang gt manual transmission: **Muscle Car Special Editions** Duncan Scott Brown, 2021-08-15 "Get one before one gets you!" Motion Performance's catchy sales pitch for builder Joel Rosen's Phase III Specialty Muscle Cars sums up the escalating performance scene in the late 1960s. Special edition muscle cars were essential to keep pace. Joel and other independent car builders (such as Carroll Shelby, George Hurst, Dick Harrell, Mr. Norm, and Jim Wangers) did what the factories couldn't do: take the muscle car and turn it into a tire-burning monster. Although the Pontiac GTO established the muscle car category in 1964, a host of corporate safety restrictions restrained factories from offering turn-key race cars off the showroom floor. Independent car builders enhanced appearance and amplified performance in an attempt to do what the manufacturers wouldn't. Motion Performance issued a written guarantee: Phase III cars would run 11.5 at 120 mph down the quarter-mile! Some of the most iconic nameplates in automotive history were applied in this era with names that included Cheetah, Black Panther, Royal Bobcat, Super Hugger, Manta Ray, Super Snake, Deuce, Fast Track, and The Machine. How did manufacturers stealthily promote these special edition muscle cars as "halo cars" while pretending not to endorse them? What happened to these innovators when factories assimilated their ideas? It's all covered inside. Muscle car historian Duncan Brown takes us through these special edition muscle cars, their creators, and the behind-the-scenes forces that shaped these wild beasts into legends that left a lasting legacy.

2010 mustang gt manual transmission: **Muscle Cars: Style, Power, and Performance** Jim Glastonbury, 2016-09-29 Hidden in garages or screaming down streets, muscle cars still turn heads. The All-American phenomena are loud and proud. Get a glimpse of your favorites here!

2010 mustang gt manual transmission: Mustang - The Original Pony Car Staff of Old Cars Weekly, 2010-09-10 The People's Choice! Was there ever a car that captured the imagination of the public like the Ford Mustang? From the rich and famous, to the down and out, to moms, dads, teens and seniors ... everybody seemed to love the Ford pony car. From the moment it landed in showrooms as a 1964 ½ model, the Mustang was a runaway winner. In Mustang, The Original Pony Car, you'll get a guided tour through every year of Mustang, from the original first-year coupes and

convertibles, to the wildly popular Fox body cars of the 1980s and '90s, to the fantastic retro-styled fifth-generation 'Stangs of today. Get the full story of the Mustang's long and colorful life, complete with more than 200 photos covering every year of the car's history.

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2010 mustang gt manual transmission: *The Official Ford Mustang 5.0* Al Kirschenbaum, 2000 The essential Mustang resource for rebuilding, researching, restoring, and upgrading 1979 through 1993 V-8 models, including GT, LX, Cobra, Cobra-R, police cars and limited editions

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2010 mustang gt manual transmission: *Fox Body Mustang Restoration* Jim Smart, 2019-09-15 Forty years after its introduction, the Fox Body Mustang has come of age, and this new book chronicles all the best procedures for restoring these affordable yet appreciating classics! In this new Restoration series title from CarTech, all the procedures and best practices for restoring your Fox Body will be covered. Chapter subjects include a history of the cars, tools, and equipment required; body repair; interior refurbishment; the climate control system; wheels; engine and driveline rebuilding; electrical troubleshooting and repair; and finally a large index of Fox Mustang facts, including paint codes, production numbers, option codes, data plate decoding, and more. Never before has Fox Body Mustang restoration been covered in a full-color instructional format. If you are considering a full-blown restoration, or would just like some good advice on how to repair certain sections of your car, this restoration guide is a valuable tool in your toolbox.

2010 mustang gt manual transmission: *American Muscle Cars* Darwin Holmstrom, 2016-04 American Muscle Cars features stunning historic and contemporary photography and offers a thorough chronology of this classic car's evolution from the 1960s to the present.

2010 mustang gt manual transmission: *Lemon-Aid Used Cars and Trucks 2010-2011* Phil Edmonston, 2010-05-11 The automotive maven and former Member of Parliament might be the most trusted man in Canada, an inverse relationship to the people he writes about. - The Globe and Mail Lemon-Aid shows car and truck buyers how to pick the cheapest and most reliable vehicles from the past 30 years of auto production. This brand-new edition of the bestselling guide contains updated information on secret service bulletins that can save you money. Phil describes sales and service

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2010 mustang gt manual transmission: Ford Mustang Brad Bowling, 2010-11-20 Over 60 of the hottest and most popular production, high-performance, and racing Mustangs are profiled in Ford Mustang. From the early coupes and GTs to today's newest Shelby, the fastest and most unique pony cars are included in this history of the Mustang nameplate. Profiles of cars from every generation, including the Boss 302s, Mach 1s, and more, include full-color detail and portrait photos, a short history of the car, performance specifications, and trivia. Whether you're a lifelong Mustang fan of just getting to know the great American performance machine, you'll enjoy the depth and variety of Ford Mustang.

2010 mustang gt manual transmission: Mustang by Design James Dinsmore, James Halderman, 2018-09-14 p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial} Without question, the 1964-1/2 Mustang is one of the most important and influential cars in automotive history. When Ford launched the Mustang, it created an automotive revolution. Award-winning designer and stylist Gale Halderman was at the epicenter of the action at Ford, and, in fact, his initial design sketch formed the basis of the new Mustang. He reveals his involvement in the project as well as telling the entire story of the design and development of the Mustang. Authors and Mustang enthusiasts James Dinsmore and James Halderman go beyond the front doors at Ford into the design center, testing grounds, and Ford facilities to get the real, unvarnished story. Gale Halderman offers a unique behind-the-scenes perspective and firsthand account of the inception, design, development, and production of the original Mustang. With stinging losses from the Edsel fresh in minds at Ford, the Mustang project was an uphill battle from day one. Lee Iacocca and his assembled team had a herculean task to convince Henry Ford II to take a risk on a new concept of automobile, but with the help of Hal Sperlich's detailed market research, the project received the green light. Henry Ford II made it clear that jobs were on the line, including Iacocca's, if it failed. The process of taking a car from sketch to clay model to prototype to preproduction and finally finished model is retraced in insightful detail. During the process, many fascinating experimental cars, such as the Mustang I two-seater, Mustang II prototype, Mustang Allegro, and Shorty, were built. But eventually the Mustang, based on the existing Ford Falcon, received the nod for final production. In a gala event, it was unveiled at the 1964 World's Fair in New York. The Mustang received public accolades and critical acclaim, and soon it became a runaway hit. After the initial success, Ford designers and Gale Halderman designed and developed the first fastback Mustangs to compliment the coupes. The classic Mustang muscle cars to follow, including the GT, Mach 1, and others, are profiled as well. The Mustang changed automotive history and ushered in the pony car era as a nimble, powerful, and elegantly styled sports coupe. But it could so easily have stumbled and wound up on the scrap pile of failed new projects. This is the remarkable and dramatic story of how the Mustang came to life, the demanding design and development process, and, ultimately, the triumph of the iconic American car.

2010 mustang gt manual transmission: Traffic Safety Culture Nicholas John Ward, Barry Watson, Katie Fleming-Vogl, 2019-04-12 This book provides traffic safety researchers and practitioners with an international and multi-disciplinary compendium of theoretical and methodological concepts relevant to the research and application of Traffic Safety Culture aiming towards a vision of zero traffic fatalities.

2010 mustang gt manual transmission: How to Swap Ford Modular Engines into Mustangs, Torinos and More Dave Stribling, 2017-03-15 The Ford modular engine is a popular swap for 1964-1/2-1973 Mustangs, Fox-Body Mustangs, trucks, hot rods, and other muscle cars because these high-tech engines provide exceptional performance and improved economy compared to their dated counterparts. Found in Mustangs and other Fords since the 1990s, installing a modular motor in a classic Ford infuses new technology and all the benefits that come with it into a classic car. Modular engines feature an overhead cam design that has massive horsepower potential, and are offered in 4.6-, 5.0-, 5.2- 5.4-, and 5.8-liter iterations. These high-tech 2-, 3-, and 4-valve

engines are readily available as a crate engine, from salvage yards, and in running cars. This engine design has a large physical footprint, and swapping the engine requires a thorough plan, using the proper tools and facilities. Author Dave Stribling specializes in modular engine swaps, and expertly guides you through each crucial step of the engine transplant process. Because of the large physical size, many components, such as brake boosters, steering rods and boxes, and other underhood components, may need repositioning or modification to co-exist in the engine bay. Stribling covers motor-mount selection and fabrication, suspension and chassis modifications, aftermarket suspension options, firewall and transmission tunnel modifications, engine management and wiring procedures, fuel systems, exhaust systems, electrical mods and upgrades, and much more. Many older Ford muscle and performance cars are prime candidates for a modular swap; however, shock towers protrude into the engine bay of these cars, so modifications are necessary to fit the engine into the car, which is also covered here. Swapping the engine and transmission into a muscle car or truck requires specialized processes, and this insightful, explanatory, and detailed instruction is found only in this book. If you are considering swapping one of these high-tech engines into a non-original chassis, this book is a vital component to the process. p.p1 {margin: 0.0px 0.0px 0.0px 0.0px; font: 12.0px Arial}

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Charles O. Probst, 1993 The authoritative, hands-on book for Ford Engine Control Systems. Author Charles Probst worked directly with Ford engineers, trainers and technicians to bring you expert advice and inside information on the operation of Ford systems. His comprehensive troubleshooting, service procedures and tips will help you master your Ford's engine control system.

2010 mustang gt manual transmission: Camaro Darwin Holmstrom, 2011-06-24 Chronicles the rich history of Chevy's phenomenal pony car, from the division's initial attempts to reach the youth market in the early 1960s, through the potent and turbulent years of the classic muscle care era, the muscle car renaissance of the 1980s, and the Camaro's triumphant rebirth in the new millennium.

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2007-2018 Phil Edmonston, 2018-02-03 Steers buyers through the the confusion and anxiety of new and used vehicle purchases like no other car-and-truck book on the market. "Dr. Phil," along with George Iny and the Editors of the Automobile Protection Association, pull no punches.

2010 mustang gt manual transmission: Ford Mustang Red Book Pete C. Sessler, 2015-01-15 Complete data on over 50 years of America's original pony car. Ford's Mustang is America's most popular pony car. Whether you're a collector, historian, or armchair enthusiast, you need all the specs and details that in sum define each Mustang year and model. Ford Mustang Red Book is your one-stop information shop--a key companion for shows, auctions or any venue where you need to quickly and easily access accurate reference data. From the first six-cylindered Mustang of the 1964-1/2 model year, through fire-breathing, world-beating Boss and Shelby models, to 2015's all-new Mustang, Ford Mustang Red Book offers all the data and detail Mustang fans lust after. This is an in-depth look at all the Mustang models, including the anniversary and pace cars, and the specialty packages for street and competition driving that have made the Mustang an automotive legend. Don't miss out on the ultimate reference resource on America's best-loved pony car!

2010 mustang gt manual transmission: How to Build a Killer Street Machine Jefferson Bryant, 2010

2010 mustang gt manual transmission: Muncie 4-Speed Transmissions Paul Cangialosi, 2014-10-15 The Muncie 4-speeds, M20, M21, and M22 are some of the most popular manual transmissions ever made and continue to be incredibly popular. The Muncie was the top high-performance manual transmission GM offered in its muscle cars of the 60s and early 70s. It was installed in the Camaro, Chevelle, Buick GS, Pontiac GTO, Olds Cutlass, and many other classic cars. Many owners want to retain the original transmission in their classic cars to maintain its value. Transmission expert and veteran author Paul Cangialosi has created an indispensable reference to Muncie 4-speeds that guides you through each crucial stage of the rebuild process. Comprehensive

ID information is provided, so you can positively identify the cases, shafts, and related parts. It discusses available models, parts options, and gearbox cases. Most important, it shows how to completely disassemble the gearbox, identify wear and damage, select the best parts, and complete the rebuild. It also explains how to choose the ideal gear ratio for a particular application. Various high-performance and racing setups are also shown, including essential modifications, gun drilling the shafts, cutting down the gears to remove weight, and achieving race-specific clearances. Muncie 4-speeds need rebuilding after many miles of service and extreme use. In addition, when a muscle car owner builds a high-performance engine that far exceeds stock horsepower, a stronger high-performance transmission must be built to accommodate this torque and horsepower increase. No other book goes into this much detail on the identification of the Muncie 4-speed, available parts, selection of gear ratios, and the rebuild process.

2010 mustang gt manual transmission: Lemon-Aid Used Cars and Trucks 2009-2010 Phil Edmonston, 2009-02-16 For the first time in one volume, Phil Edmonston, Canada's automotive "Dr. Phil," covers all used vehicles, packing this guide with insider tips to help the consumer make the safest and cheapest choice possible from cars and trucks of the past 25 years.

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2010 mustang gt manual transmission: **The Mustangs** J. Frank Dobie, 2005-01-01 J. Frank Dobie's history of the "mustang" from the Spanish *meste_a*, an animal belonging to (but strayed from) the Mesta, a medieval association of Spanish farmers, tells of its impact on the Spanish, English, and Native cultures of the West.

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