

2022 MUSTANG GT MANUAL TRANSMISSION

2022 MUSTANG GT MANUAL TRANSMISSION: A DEEP DIVE INTO AMERICAN MUSCLE

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KEYWORDS: 2022 MUSTANG GT MANUAL TRANSMISSION, FORD MUSTANG GT, MANUAL TRANSMISSION, MUSCLE CAR, PERFORMANCE CAR, REVIEW, DRIVING EXPERIENCE, 5.0L COYOTE ENGINE, AMERICAN MUSCLE CAR

ABSTRACT: THIS ARTICLE PROVIDES A COMPREHENSIVE ANALYSIS OF THE 2022 FORD MUSTANG GT EQUIPPED WITH A MANUAL TRANSMISSION, EXPLORING ITS HISTORICAL CONTEXT WITHIN THE MUSTANG LINEAGE, ITS PERFORMANCE CAPABILITIES, DRIVING DYNAMICS, AND ITS PLACE IN THE MODERN PERFORMANCE CAR LANDSCAPE. WE DELVE INTO THE SPECIFICS OF THE 5.0L COYOTE ENGINE, THE TREMEC SIX-SPEED MANUAL GEARBOX, AND THE OVERALL DRIVING EXPERIENCE, COMPARING IT TO ITS PREDECESSORS AND COMPETITORS.

1. A LEGACY OF MUSCLE: THE 2022 MUSTANG GT IN HISTORICAL PERSPECTIVE

THE 2022 MUSTANG GT MANUAL TRANSMISSION REPRESENTS A DIRECT LINE OF DESCENT FROM THE ORIGINAL 1964½ MUSTANG. WHILE TECHNOLOGY HAS ADVANCED LEAPS AND BOUNDS, THE CORE ESSENCE OF THE MUSTANG – RAW POWER, EXHILARATING HANDLING, AND AN UNMISTAKABLE AMERICAN CHARACTER – REMAINS FIRMLY INTACT. THE 2022 MODEL, WITH ITS POTENT 5.0L COYOTE V8 ENGINE MATED TO A CRISP MANUAL TRANSMISSION, EMBODIES THIS LEGACY. PREVIOUS GENERATIONS OF MUSTANG GTs WITH MANUAL TRANSMISSIONS, PARTICULARLY THOSE FROM THE LATE 60s, 70s, AND THE FOX BODY ERA, LAID THE GROUNDWORK FOR THE MODERN PERFORMANCE MACHINE WE SEE TODAY. THE 2022 MODEL BUILDS UPON DECADES OF ENGINEERING REFINEMENT AND DRIVER FEEDBACK, DELIVERING A REFINED YET THRILLING DRIVING EXPERIENCE. THE AVAILABILITY OF A MANUAL TRANSMISSION ITSELF SPEAKS VOLUMES ABOUT FORD'S COMMITMENT TO ENTHUSIASTS WHO VALUE THE PURE CONNECTION AND CONTROL OFFERED BY A THREE-PEDAL SETUP.

1. THE HEART OF THE BEAST: THE 5.0L COYOTE V8 ENGINE

THE 2022 MUSTANG GT'S PERFORMANCE HINGES ON ITS NATURALLY ASPIRATED 5.0L COYOTE V8 ENGINE. THIS POWERPLANT, ALREADY A LEGEND IN ITS OWN RIGHT, DELIVERS A POTENT BLEND OF HORSEPOWER AND TORQUE, PROVIDING EXHILARATING ACCELERATION AND A SATISFYING ROAR. WHILE SPECIFIC NUMBERS VARY SLIGHTLY DEPENDING ON THE TRIM LEVEL AND OPTIONAL PERFORMANCE PACKS, THE ENGINE CONSISTENTLY DELIVERS IMPRESSIVE PERFORMANCE FIGURES, MAKING THE 2022 MUSTANG GT A TRUE MUSCLE CAR CONTENDER. THE COYOTE'S RESPONSIVENESS TO THROTTLE INPUT, COMBINED WITH THE PRECISE GEAR CHANGES AFFORDED BY THE MANUAL TRANSMISSION, CREATES A DYNAMIC DRIVING EXPERIENCE THAT IS BOTH ENGAGING AND REWARDING.

1. SHIFTING GEARS: THE TREMEC SIX-SPEED MANUAL TRANSMISSION

THE TREMEC SIX-SPEED MANUAL TRANSMISSION IS THE CRUCIAL LINK BETWEEN THE DRIVER AND THE 5.0L COYOTE ENGINE. THIS ROBUST GEARBOX IS ENGINEERED FOR BOTH DURABILITY AND PRECISE SHIFTING, ALLOWING FOR QUICK, ACCURATE GEAR CHANGES THAT ARE CRUCIAL FOR MAXIMIZING THE PERFORMANCE OF THE MUSTANG GT. THE SHORT THROWS AND WELL-DEFINED GATE MAKE FOR A HIGHLY ENGAGING DRIVING EXPERIENCE, REWARDING SKILLED DRIVERS WITH A TRUE FEELING OF CONTROL. THE CLUTCH FEEL IS WELL-CALIBRATED, OFFERING A BALANCE BETWEEN EASE OF USE IN EVERYDAY DRIVING AND THE RESPONSIVENESS NEEDED FOR SPIRITED PERFORMANCE DRIVING.

1. DRIVING DYNAMICS AND HANDLING

THE 2022 MUSTANG GT MANUAL TRANSMISSION DOESN'T JUST DELIVER IMPRESSIVE STRAIGHT-LINE PERFORMANCE; IT ALSO OFFERS SURPRISINGLY AGILE HANDLING. THE CHASSIS IS WELL-BALANCED, OFFERING A GOOD BLEND OF COMFORT AND RESPONSIVENESS. WHILE NOT AS TRACK-FOCUSED AS SOME DEDICATED SPORTS CARS, THE GT STILL PROVIDES AN ENGAGING AND PREDICTABLE DRIVING EXPERIENCE ON WINDING ROADS. THE PRECISE STEERING FEEL, COMBINED WITH THE RESPONSIVE ENGINE AND MANUAL TRANSMISSION, ALLOWS FOR PRECISE PLACEMENT OF THE CAR, MAKING SPIRITED DRIVING A TRULY REWARDING EXPERIENCE. THE OPTIONAL PERFORMANCE PACK FURTHER ENHANCES HANDLING CAPABILITIES WITH UPGRADED SUSPENSION AND BRAKING SYSTEMS.

1. THE 2022 MUSTANG GT IN THE MODERN LANDSCAPE

IN THE CURRENT AUTOMOTIVE LANDSCAPE, WHERE MANY MANUFACTURERS ARE SHIFTING TOWARDS AUTOMATED TRANSMISSIONS AND ELECTRIC POWERTRAINS, THE 2022 MUSTANG GT MANUAL TRANSMISSION REPRESENTS A SIGNIFICANT HOLDOUT FOR THE PURISTS. IT SERVES AS A TESTAMENT TO THE ENDURING APPEAL OF THE CLASSIC MUSCLE CAR EXPERIENCE, REMINDING US OF THE VISCERAL CONNECTION BETWEEN DRIVER AND MACHINE THAT CAN ONLY BE ACHIEVED WITH A MANUAL GEARBOX. WHILE COMPETING WITH MODERN SPORTS CARS WITH ADVANCED TECHNOLOGIES, THE 2022 MUSTANG GT CARVES ITS OWN NICHE WITH ITS UNIQUE BLEND OF RAW POWER, ENGAGING HANDLING, AND THE IRREPLACEABLE EXPERIENCE OF A MANUAL TRANSMISSION.

1. CONCLUSION

THE 2022 MUSTANG GT MANUAL TRANSMISSION STANDS AS A POWERFUL TESTAMENT TO THE ENDURING ALLURE OF CLASSIC AMERICAN MUSCLE. WITH ITS POTENT 5.0L COYOTE ENGINE, RESPONSIVE TREMEC SIX-SPEED MANUAL GEARBOX, AND BALANCED HANDLING, IT OFFERS A THRILLING AND ENGAGING DRIVING EXPERIENCE THAT CATERS TO BOTH PERFORMANCE ENTHUSIASTS AND THOSE SEEKING A VISCERAL CONNECTION TO THE ROAD. IN A RAPIDLY EVOLVING AUTOMOTIVE LANDSCAPE, THE 2022 MUSTANG GT MANUAL TRANSMISSION HOLDS A SPECIAL PLACE, PROVIDING A COMPELLING ARGUMENT FOR THE CONTINUED RELEVANCE AND DESIRABILITY OF THE CLASSIC MUSCLE CAR EXPERIENCE.

FREQUENTLY ASKED QUESTIONS (FAQs)

1. WHAT IS THE 0-60 MPH TIME FOR THE 2022 MUSTANG GT MANUAL TRANSMISSION? THE 0-60 MPH TIME TYPICALLY FALLS IN THE LOW 4-SECOND RANGE, VARYING SLIGHTLY DEPENDING ON CONDITIONS AND DRIVER SKILL.

1. WHAT IS THE FUEL ECONOMY OF THE 2022 MUSTANG GT MANUAL TRANSMISSION? FUEL ECONOMY WILL VARY DEPENDING ON DRIVING STYLE, BUT EXPECT FIGURES IN THE LOW TO MID-TEENS IN MPG.
1. IS THE 2022 MUSTANG GT MANUAL TRANSMISSION RELIABLE? THE 2022 MUSTANG GT GENERALLY ENJOYS A GOOD REPUTATION FOR RELIABILITY, BUT LIKE ANY PERFORMANCE CAR, REGULAR MAINTENANCE IS CRUCIAL.
1. WHAT ARE THE AVAILABLE OPTIONS AND PACKAGES FOR THE 2022 MUSTANG GT MANUAL TRANSMISSION? NUMEROUS OPTIONS AND PACKAGES WERE AVAILABLE, INCLUDING PERFORMANCE PACKS, TECHNOLOGY PACKAGES, AND DIFFERENT INTERIOR AND EXTERIOR CUSTOMIZATION CHOICES.
1. HOW DOES THE 2022 MUSTANG GT MANUAL TRANSMISSION COMPARE TO ITS COMPETITORS? THE 2022 MUSTANG GT COMPETES WITH OTHER MUSCLE CARS AND PONY CARS, OFFERING A POTENT BLEND OF POWER AND HANDLING AT A COMPETITIVE PRICE POINT.
1. WHAT IS THE STARTING PRICE OF A 2022 MUSTANG GT MANUAL TRANSMISSION? THE STARTING PRICE VARIED DEPENDING ON OPTIONS AND DEALER MARKUP.
1. WHAT ARE THE MAINTENANCE REQUIREMENTS FOR THE 2022 MUSTANG GT MANUAL TRANSMISSION? REGULAR MAINTENANCE, INCLUDING OIL CHANGES, TIRE ROTATIONS, AND BRAKE INSPECTIONS, IS CRUCIAL FOR OPTIMAL PERFORMANCE AND LONGEVITY.
1. IS THE CLUTCH DIFFICULT TO USE IN THE 2022 MUSTANG GT MANUAL TRANSMISSION? THE CLUTCH IS REASONABLY EASY TO USE FOR MOST DRIVERS.
1. WHAT ARE SOME COMMON MODIFICATIONS FOR THE 2022 MUSTANG GT MANUAL TRANSMISSION? COMMON MODIFICATIONS INCLUDE PERFORMANCE EXHAUST SYSTEMS, UPGRADED INTAKES, AND TUNING SOFTWARE.

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2022 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.

2022 mustang gt manual transmission: The Complete Book of Ford Mustang Mike Mueller, 2022-01-25 The Complete Book of Ford Mustang, 4th Edition details the development, technical specifications, and history of America's original pony car, now updated to cover cars through the 2021 model year.

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convertible will make you wonder if you could uncover the next great muscle car find. *Lost Muscle Cars* includes 45 intriguing stories involving some of the most significant American iron ever created during the celebrated muscle car era. Readers will be armed with the tools to begin the quest to make the next great discovery in automotive archaeology!

2022 mustang gt manual transmission: *Ford Mustang I, 1964 1/2-1973* John Haynes, 1985-06-01 Haynes disassembles every subject vehicle and documents every step with thorough instructions and clear photos. Haynes repair manuals are used by the pros, but written for the do-it-yourselfer.

2022 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.

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2022 mustang gt manual transmission: *Mustang 1964 1/2-1973 Restoration Guide* , 1998

2022 mustang gt manual transmission: *The Chronicles of the Dragon Brethren* Narendra Stanislaus Martosudarmo, 2013

2022 mustang gt manual transmission: Engineer + Enthusiast = Excitement Scott Hoag, Anthony Alonso, 2018-06 This is the story of how Scott T. Hoag, former Team Mustang Customization Manager, marshaled resources within the Ford Motor Company to produce two legendary nameplates, the 2001 Bullitt and 2003/04 Mach 1 Mustangs. This narrative represents the passion, vision, and focus that a long-time enthusiast engineer brought to the table. The end results are two special feature cars that gained strong followings among the Ford Mustang faithful.

2022 mustang gt manual transmission: *Ford Coyote Engines - Revised Edition* Jim Smart, 2022-02-15 Realize your Ford Coyote engine's full potential by using this detailed resource as a guide to select the right parts for the street or the strip. Veteran Ford writer and historian, Jim Smart, explains and highlights all of the latest and greatest options to achieve more horsepower and torque, and of course, faster quarter-mile times in Ford Coyote Engines: How to Build Max Performance-Revised Edition. In this Revised Edition, now covering Generation III engines as well as Generation I & II, upgrades included are engine building techniques, cold-air induction kits, supercharger and pulley kits, better exhaust headers, fuel system and ECU tuning upgrades, and more. Both Ford and the aftermarket have produced an array of parts to squeeze even more power out of your Coyote. Ford introduced its first "clean slate design" V-8 engines in the early 1990s in Ford, Lincoln, and Mercury models. Known as the Modular engine family, the 4.6L engines employed new overhead cams, multi-valve performance, distributorless ignition, and more. This engine had new technology for its time, and it proved to be an extremely durable workhorse that logged hundreds of thousands of miles in police and taxi applications as well as light-duty trucks. And, of course, hotter versions, and even supercharged versions, found their way into performance applications such as Mustang GTs and Cobras. By 2011, Ford wanted something hotter and more current, especially for its flagship Mustang GT and GT350 models, which were suddenly competing with new 6.2L LS3 engines in Camaros and 6.4L Hemi engines in Challengers. Enter Ford's new

5.0L "Coyote" engine with Twin Independent Variable Cam Timing (Ti-VCT); it was an evolution of the earlier 4.6L and 5.4L Modular designs. Although the new Coyote engine had increased displacement, it still had far fewer cubes than the competition. Despite less displacement, the Coyote could hold its own against bigger Chevy and Chrysler mills thanks to advanced technology, such as 4V heads with better port and valvetrain geometry. The Coyote is also Ford's first foray into technology that includes Ti-VCT and cam-torque-actuated (CTA) function, which is a fancy way of saying variable cam timing for an incredible power curve over a broader RPM range. Now, in Generation III, Ford has implemented a system using both Port and Direct Fuel Injection, taking advantage of the benefits of both systems in a single application. Even with all of this new technology, there is always room for improvement. If you are looking for even more power from your new Coyote, look no further than this volume.

2022 mustang gt manual transmission: Ford Inline Six Matt Cox, Barton Maurer, 2020-12-15 Rebuild and modify your Ford inline six with help from the leading performance builders of these engines, Vintage Inlines! Covering Ford's small 6-cylinder engine made famous in Falcons, Comets, Mustangs, and many other models from the 1960s and 1970s, this book has everything you need to know from step-by-step rebuilding instructions to performance parts that will set you apart from the rest of the crowd. If this is your first engine build, you'll be glad to know that every aspect of a complete rebuild is here. Starting with engine removal, you'll learn all the different steps, including examination, machine work, reassembly, and reinstallation. The mystery is revealed on setting ring gap, checking valve-to-piston clearance, and even degreasing the camshaft for spot-on valve timing! Whether it's replacing the undersized and outdated 1-barrel carburetor or the original Load-O-Matic distributor, you'll learn how to get the most from the engine that came as original equipment in literally millions of our favorite Ford vehicles. With the information in this book, you'll learn how to add a 2-barrel carburetor, electronic ignition, and even a header so you can have the smooth rumble of dual exhaust. Congratulations on your decision to build and modify one of the most popular engines from some of the most popular cars in Ford's long history with Ford Inline Six: How to Rebuild & Modify!

2022 mustang gt manual transmission: How to Restore Your Mustang 1964 1/2-1973 Frank Bohanan, 2010 In the past, restoration guides have provided authenticity information, such as accurate paint codes, badges, wheels, and other equipment. A bona fide hands-on how-to book for restoring your Mustang from the ground up has not been offered for years. This unique guide will cover the restoration process for every major component group and also provide detailed step-by-step restoration information for the most important procedures. With clear, insightful color photography to accompany this how-to information, any at-home restorer can confidently restore a car and save a substantial amount of money in the process. While restomod books have shown how to install latest technology on vintage muscle cars, this book will focus on factory-accurate restorations, and some simple bolt-on upgrades that do not detract from the collector value but rather enhance the reliability and performance of the car. How to Restore Your Mustang 1964-1/2-1973 delivers a detailed explanation for finding the right model, how to assess condition, how to spot a fake, and how to select the right car within your budget. In addition, the book will cover how to plan, prepare, and select the right tools. This unique guide will cover the restoration process for every major component group and also provide detailed step-by-step restoration information for the most important procedures. The latest techniques and best restoration products for each system will be discussed and detailed. Also, the book discusses how to source parts and what you need to consider between new/old stock and reproduction parts. Readers will also learn how to determine if a certain task is best left for a professional shop. All crucial aspects of restoration, including engines, drivelines, body, interior, trim, electrical systems, brakes, steering, and suspension will be profiled.

2022 mustang gt manual transmission: Ford Trucks James Dinsmore, James Halderman, 2023-02-24 This book provides information on the progress and evolution of the Ford F-Series trucks all the way from Ford's first one-ton truck to the 13th Generation--

2022 mustang gt manual transmission: Build a LEGO Mustang Pawel Sariel Kmiec, Build an amazing LEGO Mustang! With step-by-step instructions. Detailed, step-by-step instructions for recreating a classic 1960s Mustang with LEGO elements. The build, designed by famous Technic inventor Sariel, includes working steering, and operable doors and hood, as well as plenty of ideas for customization.

2022 mustang gt manual transmission: Street Cars 101 Magazine- December 2022 Issue 20 Street Cars 101 Magazine, 2022-12-28 Featured Celebrities Miles Long Tori Black Featured Enthusiasts Adam Lockard Christopher Simpson Laurie Perry Larry Deleon Shawn Deromedi Amari Jones Kyler Ellibee William Jones

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2022 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.

2022 mustang gt manual transmission: How to Tune and Modify Your Camaro, 1982-1998 Jason Scott, Improve the power, performance and good looks of your Camaro in every way! Detailed chapters cover rebuilding the engine; induction system and cylinder heads; supercharging, turbocharging and nitrous oxide injection; camshaft and valvetrain; exhaust system; electronics and ignition; transmission and driveline; handling and suspension. Covers all F-body Camaros up to 1998.

2022 mustang gt manual transmission: Ford Mustang Buyer's & Restoration Guide, 1964 1/2 -2007 Peter C. Sessler, Nilda Sessler, 2006 Provides a buyer's guide for the Ford Mustang. This book includes chapters on engine, drivetrain, bodywork, interior, and detailing. It also includes a CD-ROM with photographs from the author's personal collection of Ford Mustang photographs.

2022 mustang gt manual transmission: Ultimate American V-8 Engine Data Book, 2nd Edition Peter C. Sessler,

2022 mustang gt manual transmission: Mustang 1964-1/2-1973 Mike Mueller, 2000 Modern color photography and period sales literature recalls Mustang's most collectible model years. Examines Lee Iaccoca's role, the phenomenal sales figures, model changes, and associations with race legends like Carroll Shelby.

2022 mustang gt manual transmission: Mustang and the Pony Car Revolution Michael W. R. Davis, 2014-04-07 There have been few cars that ignited the public's interest as much as the Ford Mustang. Introduced at the opening of the New York World's Fair in April 1964, the Mustang was based on mechanicals from the earlier Ford Falcon compact car; it quickly established a new motorcar category which was widely copied by domestic and overseas competitors--the pony car. From the outset, the Mustang represented inspired product planning and design, followed by brilliantly executed marketing. Ford's Mustang team effort used every tool in the vehicle-marketing toolbox: clever teasers long before the new product went on sale, unprecedented publicity, simple but effective advertising, the stage at the World's Fair, movie placement, distribution of toy plastic models, and even a replica pedal car for the young drivers of the future. With a measure of luck, it became a classic case of releasing the right product at the right time, and Ford sold one million units in less than two years. Even today, the Mustang is held high as a symbol of American design, engineering, and the freewheeling American spirit.

2022 mustang gt manual transmission: How To Rebuild and Modify Your Manual Transmission Robert Bowen, This resource explains how to rebuild and modify transmissions from

both rear- and front-wheel-drive cars. It explains the principles behind the workings of all manual transmissions, and helps readers understand what they need to do and know to rebuild their own transmissions. Includes how to determine what parts to replace; how and why to replace certain seals, spacers, springs, forks, and other parts; and where to find (and how to measure) the specifications for each particular transmission.

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the muscle-car story, like the pony-car wars between the Mustang, Camaro, 'Cuda, and Challenger; the ultra-high performance dealer specials; and the rebirth of the modern muscle car. All told, this book provides the ultimate hands-on history of these most American of cars.

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2002

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