SERVICE MANUAL

ISUZU D-MAX

2007 thru 2010



- Engine
- Brakes
- Transmission
- Body



Isuzu D Max 2010 Repair Service Manual

Ensheng Dong

Isuzu D Max 2010 Repair Service Manual:

it yourself with the confidence only a Chilton Repair Manual can provide

Mergent International Manual, 2002 **Popular Science**, 2004-09 Popular Science gives our readers the information and tools to improve their technology and their world The core belief that Popular Science and our readers share The future is going to be better and science and technology are the driving forces that will help make it better Million Dollar Farmers and Consumers Market Bulletin .2009 Isuzu Rodeo & Amigo, Honda Passport Automotive Repair Manual Robert Maddox, John Harold Haynes, 1997 Isuzu Trooper & Pick-up Automotive Repair Manual Larry Warren, Motorbooks International, John Harold Haynes, Robert Phillip Maddox, 1990-07-01 Isuzu Pickups & Trooper John Haynes, 1990-07-19 2WD 4WD Chilton's Isuzu Cars and Trucks, 1981-91 Chilton Book Company, Chilton, 1991-02-01 Covers all models of Amigo Impulse I Mark Pick Ups Rodeo Stylus Trooper and Trooper II 2 and 4 wheel drive gasoline and diesel engines Workshop Manual for the Isuzu Diesel Engine Isuzu Jidosha Kabushiki Kaisha, Isuzu Motors, 1971 Isuzu Workshop Manual Motors Ltd Isuzu,1986 Isuzu Workshop Manual Motors Ltd Isuzu, Workshop Manual for the Isuzu Diesel Engine Isuzu Motors, 1971 For 6 cylinder trucks produced in 1973 Engine Electricals - All Models Workshop Manual Isuzu Motors Limited, 1980 Chilton's Isuzu Amigo/Pick-ups/Rodeo/Trooper 1981-96 Repair Manual ,1996 Dodge Omni Owners Workshop Manual John Harold Haynes, Bruce Gilmour (Writer on automobile repair), 1979 Isuzu Workshop Manual Isuzu, Motors Ltd,19?? Chilton's Isuzu Amigo/pick-ups/Rodeo/Trooper Chilton Book Company, Nichols/Chilton, Chilton Automotive Books, 1999 Covers all models of Amigo Hombre Pick Ups Rodeo and Trooper 2 and 4 wheel drive gasoline and diesel engines Workshop Manual Motors Ltd Isuzu, Isuzu Workshop Manual Isuzu Jidōsha Kabushiki Kaisha,1988 Isuzu, 1981-91,1991 Total Car Care is the most complete step by step automotive repair manual you ll ever use All repair procedures are supported by detailed specifications exploded views and photographs From the simplest repair procedure to the most complex trust Chilton's Total Car Care to give you everything you need to do the job Save time and money by doing

Delve into the emotional tapestry woven by Crafted by in Dive into the Emotion of **Isuzu D Max 2010 Repair Service Manual**. This ebook, available for download in a PDF format (*), is more than just words on a page; itis a journey of connection and profound emotion. Immerse yourself in narratives that tug at your heartstrings. Download now to experience the pulse of each page and let your emotions run wild.

https://splashdogs.com/About/browse/default.aspx/Janome Dc3018 Dc3050 Service Manual User Guide.pdf

Table of Contents Isuzu D Max 2010 Repair Service Manual

- 1. Understanding the eBook Isuzu D Max 2010 Repair Service Manual
 - The Rise of Digital Reading Isuzu D Max 2010 Repair Service Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Isuzu D Max 2010 Repair Service Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Isuzu D Max 2010 Repair Service Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Isuzu D Max 2010 Repair Service Manual
 - Personalized Recommendations
 - Isuzu D Max 2010 Repair Service Manual User Reviews and Ratings
 - Isuzu D Max 2010 Repair Service Manual and Bestseller Lists
- 5. Accessing Isuzu D Max 2010 Repair Service Manual Free and Paid eBooks
 - Isuzu D Max 2010 Repair Service Manual Public Domain eBooks
 - Isuzu D Max 2010 Repair Service Manual eBook Subscription Services
 - Isuzu D Max 2010 Repair Service Manual Budget-Friendly Options

- 6. Navigating Isuzu D Max 2010 Repair Service Manual eBook Formats
 - o ePub, PDF, MOBI, and More
 - Isuzu D Max 2010 Repair Service Manual Compatibility with Devices
 - Isuzu D Max 2010 Repair Service Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Isuzu D Max 2010 Repair Service Manual
 - Highlighting and Note-Taking Isuzu D Max 2010 Repair Service Manual
 - o Interactive Elements Isuzu D Max 2010 Repair Service Manual
- 8. Staying Engaged with Isuzu D Max 2010 Repair Service Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Isuzu D Max 2010 Repair Service Manual
- 9. Balancing eBooks and Physical Books Isuzu D Max 2010 Repair Service Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Isuzu D Max 2010 Repair Service Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Isuzu D Max 2010 Repair Service Manual
 - Setting Reading Goals Isuzu D Max 2010 Repair Service Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Isuzu D Max 2010 Repair Service Manual
 - o Fact-Checking eBook Content of Isuzu D Max 2010 Repair Service Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements

• Interactive and Gamified eBooks

Isuzu D Max 2010 Repair Service Manual Introduction

In todays digital age, the availability of Isuzu D Max 2010 Repair Service Manual books and manuals for download has revolutionized the way we access information. Gone are the days of physically flipping through pages and carrying heavy textbooks or manuals. With just a few clicks, we can now access a wealth of knowledge from the comfort of our own homes or on the go. This article will explore the advantages of Isuzu D Max 2010 Repair Service Manual books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Isuzu D Max 2010 Repair Service Manual books and manuals for download is the cost-saving aspect. Traditional books and manuals can be costly, especially if you need to purchase several of them for educational or professional purposes. By accessing Isuzu D Max 2010 Repair Service Manual versions, you eliminate the need to spend money on physical copies. This not only saves you money but also reduces the environmental impact associated with book production and transportation. Furthermore, Isuzu D Max 2010 Repair Service Manual books and manuals for download are incredibly convenient. With just a computer or smartphone and an internet connection, you can access a vast library of resources on any subject imaginable. Whether youre a student looking for textbooks, a professional seeking industry-specific manuals, or someone interested in self-improvement, these digital resources provide an efficient and accessible means of acquiring knowledge. Moreover, PDF books and manuals offer a range of benefits compared to other digital formats. PDF files are designed to retain their formatting regardless of the device used to open them. This ensures that the content appears exactly as intended by the author, with no loss of formatting or missing graphics. Additionally, PDF files can be easily annotated, bookmarked, and searched for specific terms, making them highly practical for studying or referencing. When it comes to accessing Isuzu D Max 2010 Repair Service Manual books and manuals, several platforms offer an extensive collection of resources. One such platform is Project Gutenberg, a nonprofit organization that provides over 60,000 free eBooks. These books are primarily in the public domain, meaning they can be freely distributed and downloaded. Project Gutenberg offers a wide range of classic literature, making it an excellent resource for literature enthusiasts. Another popular platform for Isuzu D Max 2010 Repair Service Manual books and manuals is Open Library. Open Library is an initiative of the Internet Archive, a non-profit organization dedicated to digitizing cultural artifacts and making them accessible to the public. Open Library hosts millions of books, including both public domain works and contemporary titles. It also allows users to borrow digital copies of certain books for a limited period, similar to a library lending system. Additionally, many universities and educational institutions have their own digital libraries that provide free access to PDF books and manuals. These libraries often offer academic texts, research papers, and technical manuals, making them invaluable resources for students and researchers. Some notable examples include MIT

OpenCourseWare, which offers free access to course materials from the Massachusetts Institute of Technology, and the Digital Public Library of America, which provides a vast collection of digitized books and historical documents. In conclusion, Isuzu D Max 2010 Repair Service Manual books and manuals for download have transformed the way we access information. They provide a cost-effective and convenient means of acquiring knowledge, offering the ability to access a vast library of resources at our fingertips. With platforms like Project Gutenberg, Open Library, and various digital libraries offered by educational institutions, we have access to an ever-expanding collection of books and manuals. Whether for educational, professional, or personal purposes, these digital resources serve as valuable tools for continuous learning and self-improvement. So why not take advantage of the vast world of Isuzu D Max 2010 Repair Service Manual books and manuals for download and embark on your journey of knowledge?

FAQs About Isuzu D Max 2010 Repair Service Manual Books

- 1. Where can I buy Isuzu D Max 2010 Repair Service Manual books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
- 2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
- 3. How do I choose a Isuzu D Max 2010 Repair Service Manual book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
- 4. How do I take care of Isuzu D Max 2010 Repair Service Manual books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
- 5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
- 6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.

- 7. What are Isuzu D Max 2010 Repair Service Manual audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
- 8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
- 9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
- 10. Can I read Isuzu D Max 2010 Repair Service Manual books for free? Public Domain Books: Many classic books are available for free as theyre in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Isuzu D Max 2010 Repair Service Manual:

janome dc3018 dc3050 service manual user guide java concepts early objects 7th edition solutions jbl sub 180 manual jcb 541 70 operators manual javco eagle fold down camping trailer 1999 user guid

jayco eagle fold down camping trailer 1999 user guide janome mc9500 instruction manual janome harmony 2049 user guide jane eyre study guide questions and answer jcb 444 diesel engine workshop service repair manual jcb 52service manual

jcb backhoe brake manual java illuminated 3rd edition solutions japanese stainless steel guide jcb 508 40 manual 1994

janome 9700 instruction manual

Isuzu D Max 2010 Repair Service Manual:

common laboratory tests used by tcm practitioners when to - Dec 03 2022

web common laboratory tests used by traditional chinese medicine tcm practitioners provides an understanding of western medical testing in order to recognize when

common laboratory tests used by tcm practitioners when to - Nov 21 2021

common laboratory tests used by tcm practitioners - Nov 02 2022

web common laboratory tests used by common lab tests martin health system 21 types of blood tests with abbreviations health checkup laboratory tests immune

tcm student tcm test 1 - Jan 24 2022

web common laboratory tests used by t c m practitioners when to refer patients for lab tests and how to read and interpret the results partha banerjee

common laboratory tests used by tcm practitioners kobo com - Aug 11 2023

web common laboratory tests used by tcm practitioners when to refer patients for lab tests and how to read and interpret the results captain christina banerjee partha

common laboratory tests used by tcm practitioners when to - Jun 28 2022

web common laboratory tests used by tcm practitioners when to refer patients for lab tests and how to read and interpret the results 1st edition kindle edition by christina

common laboratory tests used by tcm practitioners goodreads - May 08 2023

web mar 21 2014 common laboratory tests used by tcm practitioners when to refer patients for lab tests and how to read and interpret the results paperback import

common laboratory tests used by tcm practitioners when to - Feb 05 2023

web common laboratory tests used by tcm practitioners 19 95 sku 978 1 84819 205 8 quantity description traditional chinese medicine tcm practitioners need to have an

common laboratory tests used by tcm practitioners pdf ncf - Jul 30 2022

web nurse s quick reference to common laboratory diagnostic tests gp44 a4 procedures for handling and processing of blood specimens for common laboratory

common laboratory tests used by tcm practitioners when to - Feb 22 2022

web [[[[[] (common labora	tory tests	used by tcm	practitioners	when to refe	er patients f	for lab tests	s and how	to read and
interpret t	he results 🔲 🛚								

common laboratory tests used by tcm practitioners when to - Dec 23 2021

common laboratory tests used by tcm practitioners - May 28 2022

web this book is an essential reference for the tcm classroom and clinic that teaches how to use and understand conventional lab testing in the treatment and referral of patients

common laboratory tests used by tcm practitioners - Apr 07 2023

web common laboratory tests used by tcm practitioners partha banerjee christina captain published by singing dragon 2014 isbn 10 1848192053 isbn 13

common laboratory tests used by tcm practitioners when to - Oct 01 2022

web common laboratory tests used by tcm practitioners should be in every practitioner s office every school library and part of acupuncture programs the patient expects it

tcmtests com nccaom cale tcm review - Mar 06 2023

web this book is an essential reference for the tcm classroom and clinic that teaches how to use and understand conventional lab testing in the treatment and referral of

common laboratory tests used by tcm practitioners - Aug 31 2022

web 1 complete blood count cbc 2 hemoccult 3 kidney and urine 4 electrolytes 5 glucose metabolism and diabetes mellitus 6 liver function 7 lipids 8 thyroid and

common laboratory tests used by tcm practitioners - Jan 04 2023

web common laboratory tests used by tcm practitioners when to refer patients for lab tests and how to read and interpret the results

common laboratory tests used by tcm practitioners when to - Jul 10 2023

web partha banerjee md christina captain 3 71 7 ratings2 reviews want to read kindle 13 17 rate this book traditional chinese medicine tcm practitioners need to have an

common laboratory tests used by tcm practitioners - Sep 12 2023

web mar 21 2014 read common laboratory tests used by tcm practitioners when to refer patients for lab tests and how to read and interpret the results by partha

common laboratory tests used by tcm - Jun 09 2023

web mar 21 2014 traditional chinese medicine tcm practitioners need to have an understanding of western medical testing to recognize when laboratory tests are

common laboratory tests used by t c m practitioners when - Oct 21 2021

common laboratory tests used by tcm practitioners when to - Mar 26 2022

web mar 21 2014 common laboratory tests used by tcm practitioners when to refer patients for lab tests and how to read and interpret the results captain christina

common laboratory tests used by tcm practitioners - Apr 26 2022

web tcm theory exam 1 i hope this challenges you and makes you think there can be more than one answer for every question including multiple choice to see the answer to any

the house at old vine the suffolk trilogy book 2 kindle edition - Mar 08 2023

web the house at old vine the suffolk trilogy book 2 ebook lofts norah amazon com au books

amazon com au customer reviews the house at old vine the suffolk - Jun 30 2022

web find helpful customer reviews and review ratings for the house at old vine the suffolk trilogy book 2 at amazon com read honest and unbiased product reviews from our users

the town house the house at old vine the house at sunset - Sep 02 2022

web the town house the house at old vine the house at sunset written by norah lofts review by ann oughton this trilogy spanning six centuries is the story of a suffolk house and the people who lived in it from the late 14th century until the middle of the 20th

the house at old vine the suffolk trilogy book 2 - Sep 14 2023

web nov 21 2013 the house at old vine the suffolk trilogy book 2 kindle edition by lofts norah download it once and read it on your kindle device pc phones or tablets use features like bookmarks note taking and highlighting while reading the house at old vine the suffolk trilogy book 2

the house at old vine paperback barnes noble - Jan 06 2023

web nov 18 2013 the house at old vine is the second in norah lofts enduringly popular suffolk trilogy which began with the town house and concludes with the house at sunset fans of norah lofts work particularly appreciate how her characters who live around the suffolk town of baildon interact with one another between different books

the house at old vine 2 the suffolk trilogy amazon in - Nov 04 2022

web books select the department you want to search in search amazon in en hello sign in account lists returns orders cart all amazon minity

the house at old vine the suffolk trilogy book 2 - Jul 12 2023

web the house at old vine is the second in norah lofts enduringly popular suffolk trilogy which began with the town house and concludes with the house at sunset fans of norah lofts work particularly appreciate how her characters who live around the suffolk town of baildon interact with one another between different books

the house at old vine the suffolk trilogy by norah lofts 11 - Dec 05 2022

web nov 11 2013 buy now secure transaction ships from ladylakebooks sold by ladylakebooks ships from ladylakebooks sold by ladylakebooks return policy returnable until jan 31 2023 buy used 14 26 have one to sell other sellers on amazon add to cart 23 33 3 99 shipping sold by clearybooks 20 add to cart 23 33 3 99

amazon com customer reviews the house at old vine the suffolk - Apr 28 2022

web 4 4 out of 5 stars 322 global ratings the house at old vine the suffolk trilogy book 2 how customer reviews and ratings work see all buying options this page works best with javascript disabling it will result in some disabled or missing features you can still see all customer reviews for the product

the house at old vine the house trilogy book 2 of 3 abebooks - May 10 2023

web the second volume of a trilogy set in suffolk and spanning five centuries of a family s history in 1496 josiana greenwood an illegitimate descendent of martin reed awaits her secret lover s public execution

the house at old vine suffolk house trilogy 2 by norah lofts - Feb 07 2023

web toggle book search form click to open or close main menu search search browse home brit books ltd the house at old vine suffolk house trilogy 2 the house at old vine suffolk house trilogy 2 add to cart buy now stock photo cover may be different click for full size

the house at old vine the house trilogy book 2 of 3 - Oct 03 2022

web jan 1 1991 the house at old vine the house trilogy book 2 of 3 lofts norah on amazon com free shipping on qualifying offers the house at old vine the house trilogy book 2 of 3

the house at old vine 2 the suffolk trilogy abebooks - Apr 09 2023

web the house at old vine 2 the suffolk trilogy by lofts norah at abebooks co uk isbn 10 1905806744 isbn 13 9781905806744 tree of life publishing 2013 softcover

the house at old vine 2 the suffolk trilogy softcover - Feb 24 2022

web the house at old vine 2 the suffolk trilogy von norah lofts bei abebooks de isbn 10 1905806744 isbn 13 9781905806744 new publisher 2021 softcover

the house at old vine 2 the suffolk trilogy paperback - Aug 13 2023

web the house at old vine 2 the suffolk trilogy paperback illustrated 11 nov 2013 the doomed love story of josiana greenwood and walter rancon sets the scene as the destiny of the great suffolk house known as the old vine continues to unfold suffolk trilogy by norah lofts book of a lifetime an outstanding - May 30 2022

web jul 3 2014 my top choice would have to be norah lofts s suffolk trilogy the town house 1959 the house at old vine 1961 and the house at sunset 1963 they are essentially one continuous book

the house at old vine house 2 by norah lofts goodreads - Oct 15 2023

web 4 24 860 ratings50 reviews the house at old vine is the second in a trilogy of novels by norah lofts about the inhabitants of a country house in suffolk from the late fourteenth century to the middle of the twentieth covering the turbulent years of 1496 to 1680

the house at old vine the suffolk trilogy book 2 kindle edition - Aug 01 2022

web the house at old vine the suffolk trilogy book 2 ebook lofts norah amazon in kindle store

9781905806744 the house at old vine suffolk trilogy - Mar 28 2022

web abebooks com the house at old vine suffolk trilogy 9781905806744 by lofts norah and a great selection of similar new used and collectible books available now at great prices 9781905806744 the house at old vine suffolk trilogy lofts norah 1905806744 abebooks

the house at old vine the house trilogy book 2 of 3 - Jun 11 2023

web buy the house at old vine the house trilogy book 2 of 3 by lofts norah from amazon s fiction books store everyday low prices on a huge range of new releases and classic fiction the house at old vine the house trilogy book 2 of 3 amazon co uk lofts norah 9780891902263 books

louis xiii wikipedia - Oct 05 2023

web louis xiii french pronunciation lwi tkez sometimes called the just 27 september 1601 14 may 1643 was king of france from 1610 until his death in 1643 and king of navarre as louis ii from 1610 to 1620 when the crown of navarre was merged with the french crown

official louis xiii cognac website french cognac by rémy - Sep 04 2023

web louis xiii takes you on an eye opening sensorial odyssey engage in the present moment and reconnect with your senses experience new feelings experience louis xiii more the classic decanter 70cl discover collection box 5×1 cl discover the miniature 5cl discover the drop make it loud 1cl discover twin crystal glasses 4cl 4cl

louis xiii palace of versailles - Mar 30 2023

web the son of henry iv and marie de medici louis xiii 1601 1643 became king of france in 1610 upon the death of his father his mother acted as regent for the kingdom until the young king seized power on 24 april 1617

louis xiii simple english wikipedia the free encyclopedia - Dec 27 2022

web louis xiii 27 september 1601 14 may 1643 was king of france from 1610 to 1643 he was the son of henry iv and marie de medici he lived during the time of the thirty years war and had to deal with many rebellions

france louis xiii monarchy absolutism britannica - Feb 26 2023

web france louis xiii monarchy absolutism from 1610 to 1617 henry s widow marie de médicis ruled on behalf of their young

son louis xiii reigned 1610 43 once more the security of the country was threatened as factions disputed around the throne louis xiii unveils the drop in singapore a stylish new format - Jun 01 2023

web dec $7\ 2022$ the louis xiii pop up will run from $3\ december\ 2022$ to $1\ january\ 2023$ louis xiii pop up design orchard level $2\ 250$ orchard road singapore 238905 opening hours daily $10\ 30$ am to $9\ 30$ pm the drop retails at 288 for each 1cl bottle and $1\ 440$ for a pack of five

louis xiii encyclopedia com - Jan 28 2023

web may 29 2018 louis xiii france 1601 1643 ruled 1610 1643 king of france the historical reputation of louis xiii has been overshadowed by two figures close to him his chief minister cardinal richelieu 1585 1642 and his son and successor louis xiv ruled 1643 1715

louis xiii king of france cardinal richelieu s patron - Aug 03 2023

web oct 4 2023 louis xiii byname louis the just french louis le juste born september 27 1601 fontainebleau france died may 14 1643 saint germain en laye king of france from 1610 to 1643 who cooperated closely with his chief minister the cardinal de richelieu to make france a leading european power

louis xiii cognac opens experiential boutique in singapore - Apr 30 2023

web apr 29 2021 the only louis xiii cognac experiential boutique in southeast asia has opened in singapore by richard augustin apr 29 2021 5 00 pm louis xiii cognac has a new experiential boutique housed within the whisky distillery at one raffles place

louis xiii king facts life biography - Jul 02 2023

web apr 2 2014 louis xiii was king of france from 1610 to 1643 under his reign france became a leading european power updated may 10 2021 photo fine art images heritage images getty images 1601 1643