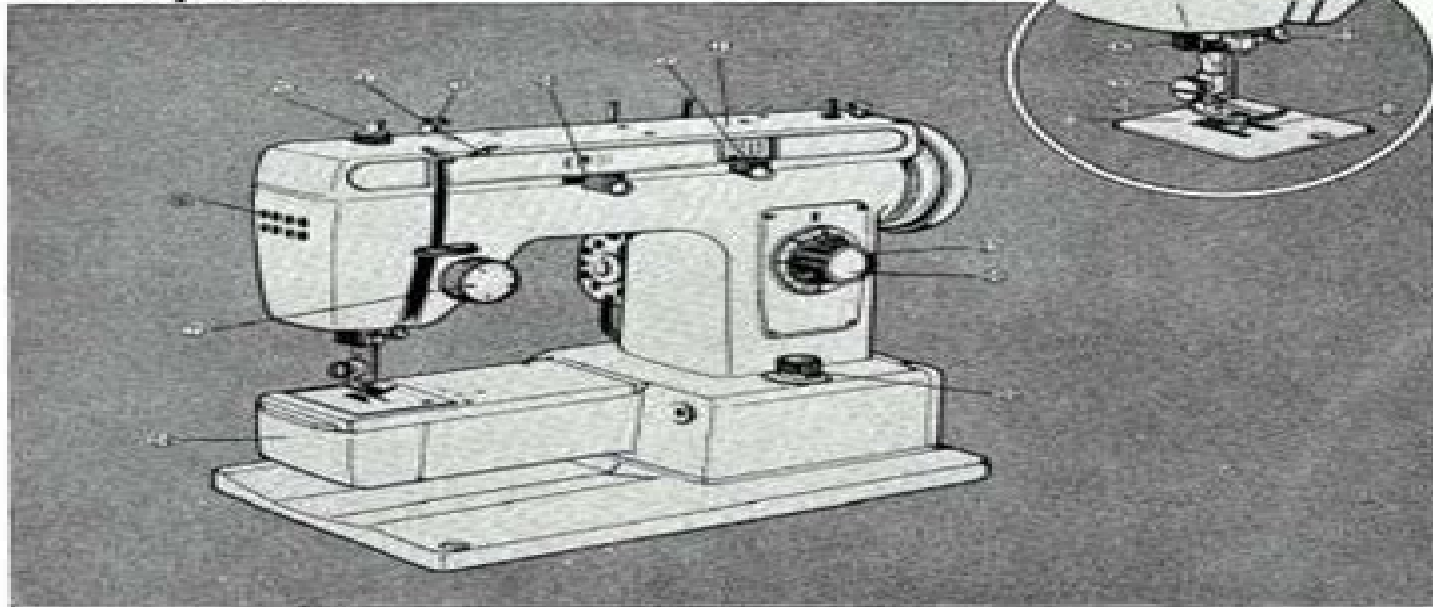


1. Knowing Your Sewing Machine

Principal Parts



1. Top Cover
2. Zigzag Width Lever
(See page 12)
3. Upper Thread Guide and Bobbin Winder
Tension Disc
4. Front Thread Guide
5. Pressure Adjuster (See page 13)
6. Face Plate
7. Thread Tension Dial (See page 15)
8. Thread Cutter
9. Presser Foot Screw
10. Presser Foot (Zigzag)
11. Feed Dog (See page 14)
12. Needle Plate

13. Needle Clamp Screw
14. Shuttle Race cover
15. Drop Feed Knob (See page 14)
16. Reverse Sewing Button (See page 14)
17. Stitch Length Dial
By turning this dial, you can control the
length of the stitch.
The higher the number, the longer
the stitch. (See page 12)
18. Blind Stitch & Stretch Stitch Lever
19. Spool Pins
20. Bobbin Winder Device
21. Balance Wheel
22. Stop Motion Knob

Brother Sewing Service Manual

M Lipman



Brother Sewing Service Manual:

Thank you very much for reading **Brother Sewing Service Manual**. Maybe you have knowledge that, people have look numerous times for their favorite readings like this Brother Sewing Service Manual, but end up in infectious downloads. Rather than enjoying a good book with a cup of coffee in the afternoon, instead they cope with some infectious virus inside their computer.

Brother Sewing Service Manual is available in our digital library an online access to it is set as public so you can get it instantly.

Our digital library spans in multiple locations, allowing you to get the most less latency time to download any of our books like this one.

Merely said, the Brother Sewing Service Manual is universally compatible with any devices to read

<https://stats.tinkerine.com/data/book-search/fetch.php/beth%20moore%20dvd%20guide%20answers.pdf>

Table of Contents Brother Sewing Service Manual

1. Understanding the eBook Brother Sewing Service Manual
 - The Rise of Digital Reading Brother Sewing Service Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Brother Sewing 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 Brother Sewing Service Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Brother Sewing Service Manual
 - Personalized Recommendations

- Brother Sewing Service Manual User Reviews and Ratings
- Brother Sewing Service Manual and Bestseller Lists
- 5. Accessing Brother Sewing Service Manual Free and Paid eBooks
 - Brother Sewing Service Manual Public Domain eBooks
 - Brother Sewing Service Manual eBook Subscription Services
 - Brother Sewing Service Manual Budget-Friendly Options
- 6. Navigating Brother Sewing Service Manual eBook Formats
 - ePub, PDF, MOBI, and More
 - Brother Sewing Service Manual Compatibility with Devices
 - Brother Sewing Service Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Brother Sewing Service Manual
 - Highlighting and Note-Taking Brother Sewing Service Manual
 - Interactive Elements Brother Sewing Service Manual
- 8. Staying Engaged with Brother Sewing Service Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Brother Sewing Service Manual
- 9. Balancing eBooks and Physical Books Brother Sewing Service Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Brother Sewing Service Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Brother Sewing Service Manual
 - Setting Reading Goals Brother Sewing Service Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Brother Sewing Service Manual
 - Fact-Checking eBook Content of Brother Sewing 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

Brother Sewing Service Manual Introduction

Free PDF Books and Manuals for Download: Unlocking Knowledge at Your Fingertips In today's fast-paced digital age, obtaining valuable knowledge has become easier than ever. Thanks to the internet, a vast array of books and manuals are now available for free download in PDF format. Whether you are a student, professional, or simply an avid reader, this treasure trove of downloadable resources offers a wealth of information, conveniently accessible anytime, anywhere. The advent of online libraries and platforms dedicated to sharing knowledge has revolutionized the way we consume information. No longer confined to physical libraries or bookstores, readers can now access an extensive collection of digital books and manuals with just a few clicks. These resources, available in PDF, Microsoft Word, and PowerPoint formats, cater to a wide range of interests, including literature, technology, science, history, and much more. One notable platform where you can explore and download free Brother Sewing Service Manual PDF books and manuals is the internet's largest free library. Hosted online, this catalog compiles a vast assortment of documents, making it a veritable goldmine of knowledge. With its easy-to-use website interface and customizable PDF generator, this platform offers a user-friendly experience, allowing individuals to effortlessly navigate and access the information they seek. The availability of free PDF books and manuals on this platform demonstrates its commitment to democratizing education and empowering individuals with the tools needed to succeed in their chosen fields. It allows anyone, regardless of their background or financial limitations, to expand their horizons and gain insights from experts in various disciplines. One of the most significant advantages of downloading PDF books and manuals lies in their portability. Unlike physical copies, digital books can be stored and carried on a single device, such as a tablet or smartphone, saving valuable space and weight. This convenience makes it possible for readers to have their entire library at their fingertips, whether they are commuting, traveling, or simply enjoying a lazy afternoon at home. Additionally, digital files are easily searchable, enabling readers to locate specific information within seconds. With a few keystrokes, users can search for keywords, topics, or phrases, making research and finding relevant information a breeze. This efficiency saves time and effort, streamlining the learning process and allowing individuals to focus on extracting the

information they need. Furthermore, the availability of free PDF books and manuals fosters a culture of continuous learning. By removing financial barriers, more people can access educational resources and pursue lifelong learning, contributing to personal growth and professional development. This democratization of knowledge promotes intellectual curiosity and empowers individuals to become lifelong learners, promoting progress and innovation in various fields. It is worth noting that while accessing free Brother Sewing Service Manual PDF books and manuals is convenient and cost-effective, it is vital to respect copyright laws and intellectual property rights. Platforms offering free downloads often operate within legal boundaries, ensuring that the materials they provide are either in the public domain or authorized for distribution. By adhering to copyright laws, users can enjoy the benefits of free access to knowledge while supporting the authors and publishers who make these resources available. In conclusion, the availability of Brother Sewing Service Manual free PDF books and manuals for download has revolutionized the way we access and consume knowledge. With just a few clicks, individuals can explore a vast collection of resources across different disciplines, all free of charge. This accessibility empowers individuals to become lifelong learners, contributing to personal growth, professional development, and the advancement of society as a whole. So why not unlock a world of knowledge today? Start exploring the vast sea of free PDF books and manuals waiting to be discovered right at your fingertips.

FAQs About Brother Sewing Service Manual Books

How do I know which eBook platform is the best for me? Finding the best eBook platform depends on your reading preferences and device compatibility. Research different platforms, read user reviews, and explore their features before making a choice. Are free eBooks of good quality? Yes, many reputable platforms offer high-quality free eBooks, including classics and public domain works. However, make sure to verify the source to ensure the eBook credibility. Can I read eBooks without an eReader? Absolutely! Most eBook platforms offer web-based readers or mobile apps that allow you to read eBooks on your computer, tablet, or smartphone. How do I avoid digital eye strain while reading eBooks? To prevent digital eye strain, take regular breaks, adjust the font size and background color, and ensure proper lighting while reading eBooks. What the advantage of interactive eBooks? Interactive eBooks incorporate multimedia elements, quizzes, and activities, enhancing the reader engagement and providing a more immersive learning experience. Brother Sewing Service Manual is one of the best book in our library for free trial. We provide copy of Brother Sewing Service Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Brother Sewing Service Manual. Where to download Brother Sewing Service Manual online for free? Are you looking for Brother Sewing Service Manual PDF? This is definitely going to save you time and cash in something you should think about.

Find Brother Sewing Service Manual :

beth moore dvd guide answers

between politics and ethics toward a vocative history of english studies

beverage air freezer manual

between darkness and light the universe cycle book 1

betrayed arranged trilogy book 2

between the flowers a novel

beyond traditional job development the art of creating opportunity

bettelheim landesberg answers

beyond philosophy subject educational post structuralist

beyond her words corrupt chaos mc

beyond the velvet rope club babylon english edition

~~beta rr125 enduro workshop service repair manual~~

betrayed punished by demons book 3

~~bethe correia knockout~~

betty crocker big red cookbook

Brother Sewing Service Manual :

sat may 2013 pdf scribd - Apr 12 2023

web sat may 2013 free download as pdf file pdf text file txt or read online for free official college board may 2013 released exam

may 2023 gas r sat reddit - Jan 09 2023

web jun 7 2023 does anyone have the full may 2023 gas test i would realllyyyy appreciate if it was posted or if you pm advertisement coins i m working on hiding the correct answers below each question for the version that was posted in that previous thread both math sections are done and just need to do the other 2 may 06 2023 sat curve

answers to may 2013 sat wrbb neu edu - Nov 07 2022

web merely said the answers to may 2013 sat is universally compatible with any devices to read answers to may 2013 sat 2022 07 05 morrow carolyn master the sat 2013 peterson s dare to believe is the breathtaking story of someone who has followed jesus lead through civil wars and unrest arrests and

[sat test 2023 may full pdf with answers and scoring score](#) - Dec 28 2021

web 2023 may discover all you need to know about the sat test 2023 may in this guide learn about its answers scoring table and explanations

may 2013 sat scoring guide media joomlashine com - Oct 06 2022

web may 9th 2018 answer key to the sat 2013 2014 official test by collegeboard sat essay scoring guide score of 6 an essay in this category demonstrates clear and sat may 2013

sat may 2013 paper 6ngee9mg01lv documents and e books - May 13 2023

web sat may 2013 paper 6ngee9mg01lv 3 3 3 3 section3 time 25 minutes 35 questions turn to section 3 page 4 of your answer sheet to answer the question in this section directions for each question in this section select the best answer from among the choices given and fill in the corresponding circle on the answer sheet

[ssat soruları ve puanlamalar iseworld](#) - Sep 05 2022

web 28 soru 30 dk ssat deneme deneme yazımı 1 deneme 15 dk genel toplam 89 soru 110 dk ssat bölümü soru tipleri cevaplar İçin ayrılan zaman middle ve upper seviyeleri ssat denemesi deneme yazımı 1 deneme 25 dk ara 5 dk ssat nicel sorular kelime soruları 25 soru 30 dk

answer key to the sat 2013 2014 official test by collegeboard - Aug 16 2023

web scoring the official sat practice test to have your score calculated automatically go to collegeboard org satpracticetest you'll receive a detailed score report answer explanations to calculate your score on paper check your responses with

official may 6 2023 us sat discussion thread r sat reddit - Jan 29 2022

web aug 26 2023 official may 6 2023 us sat discussion thread please feel free to discuss today's international digital test below in so doing please remember the following test discussion is permitted under r sat policies but participating in such discussion may violate the terms to which you agreed when you registered for the sat

2021 may us sat qas with answers 1 pdf docdroid - Aug 04 2022

web view and download 2021 may us sat qas with answers 1 pdf on docdroid 2021 may us sat qas with answers 1 pdf report share twitter facebook embed download view and download 2021 may us sat qas with answers 1 pdf on docdroid view and download 2021 may us sat qas with answers 1 pdf on docdroid

sat answer keys prepsharp - Mar 11 2023

web below you'll find sat answer keys and sat score tables i.e. sat raw score conversion charts for nearly all of the sat tests given in the last two decades view tip sat answer keys

may 2013 sat pdf scribd - Jun 14 2023

web if you think you detect errors in how you recorded your answers for example a group of questions that you recall

answering differently than what you see on the report you may want to consider ordering a more rigorous form of score verification see [sat collegeboard org scores verify](https://sat.collegeboard.org/scores/verify) sat scores for more details

sat may 2018 international gas answer key allsatpapers - May 01 2022

web mar 31 2021 passage 1 questions 1 10 literature may 2018 international sat test gas this passage is adapted from nikolai gogol the mysterious portrait originally published in 1835 summary this article mainly tells the young artist thartkosa's understanding of loyalty to art and the concept of money in art passage 2 questions 11

2023 may sat gas video explanations sat quantum - Mar 31 2022

web the play list below organizes video explanations to all of the math questions in the 2023 may sat us domestic test conducted on the 6th of may sign up for video explanations to all official sat psat tests video explanations section 3 math no calculator video explanations section 4 math calculator permitted

sat may 2013 paper pdf scribd - Jul 15 2023

web oct 6 2014 35 questions turn to section 3 page 4 of your answer sheet to answer the questions in this section directions for each question in this section select the best answer from among the choices given and fill in the corresponding circle on the answer sheet the following sentences test correctness and effectiveness of expression

may 2023 sat prediction you will see this on your test - Jun 02 2022

web apr 19 2023 0 00 8 38 intro may 2023 sat prediction you will see this on your test prep pros sat act test prep 4 26k subscribers subscribe 7 8k views 2 months ago sat prep do you want to know

[answer service student guide archive org](#) - Dec 08 2022

web congratulations on taking the sat your question and answer service gas for the may 2018 sat includes three parts this guide which will help you understand your scores a copy of the test you took and a customized gas report that lists these details about each question answer you gave best or correct answer question type difficulty level

may 2023 prepsharp - Feb 10 2023

web below you will find the complete sat answer key for this exam as well as the corresponding sat score chart for scoring the exam

may 2023 sat section 3 math explained paper test youtube - Feb 27 2022

web may 19 2023 did you take the may sat and want know how to solve all of the math problems on the test this video is specifically for those of you who took the paper sat in the us and want to see the

[sat subject testler ve essay bölümü kaldırıldı mı](#) - Jul 03 2022

web sat subject testler ve essay bölümü kaldırıldı mı collegeboard'un yaptığı açıklamaya göre sat reasoning e ek olarak alınan fizik kimya biyoloji matematik ve dil alanlarından verilen sat subject testler ve essay bölümü bundan böyle

uygulanmayacaktır

carl larsson s home family and farm paintings from the - Feb 11 2023

web may 25 2014 carl larsson s home family and farm paintings from the swedish arts and crafts movement larsson carl lawson polly 9781782500476 books amazon ca

carl larsson s home family and farm paintings from the - Jun 15 2023

web the paintings in this book are a combined collection which depict larsson s family his wife karin and their eight children his home in the village of sundborn and his farm spadavet the accompanying text provides a fascinating insight into larsson family and farm life and his painting techniques

carl larsson s home family and farm paintings from the - Jul 04 2022

web the accompanying text provides a fascinating insight into larsson family and farm life and his painting techniques today over 60 000 tourists a year visit sundborn to admire larsson s home and work also published as three

buy carl larsson s home family and farm paintings from the - Oct 07 2022

web amazon in buy carl larsson s home family and farm paintings from the swedish arts and crafts movement book online at best prices in india on amazon in read carl larsson s home family and farm paintings from the swedish arts and crafts movement book reviews author details and more at amazon in free delivery on

carl larsson s home family and farm paintings from the - Feb 28 2022

web item 7 carl larssons home family and farm paintings from the swedish arts and crafts m carl larssons home family and farm paintings from the swedish arts and crafts m 17 26 free postage

carl larsson s home family and farm paintings from the - Apr 13 2023

web carl larsson s home family and farm paintings from the swedish arts and crafts movement by polly lawson 2014 05 01 amazon com tr kitap

carl larsson s home family and farm paintings from the - May 02 2022

web carl larsson s home family and farm paintings from the swedish arts and crafts movement lawson polly larsson carl amazon de bücher

carl larsson s home family and farm fields of daisies - Dec 29 2021

web carl larsson s home family and farm paintings from the swedish arts and crafts movementart resource for pioneer america unit study carl larsson is one of sweden s best loved artists his stunning watercolours of his home and family from the end of the 19th century are acclaimed as one of the richest records of life at that time

carl larsson s home family and farm paintings from the swedish - Aug 05 2022

web find many great new used options and get the best deals for carl larsson s home family and farm paintings from the

swedish arts and crafts movement by carl larsson 2014 hardcover at the best online prices at

carl larsson s home family and farm paintings from the swedish - Aug 17 2023

web may 15 2014 carl larsson s home family and farm paintings from the swedish arts and crafts movement larsson carl lawson polly 9781782500476 amazon com books books arts photography decorative arts design enjoy fast free delivery exclusive deals and award winning movies tv shows with prime

carl larsson s home family and farm paintings from the - May 14 2023

web carl larsson s home family and farm paintings from the swedish arts and crafts movement by polly lawson 2014 05 01 amazon com books

carl larsson s home family and farm paintings from the - Sep 06 2022

web carl larsson s home family and farm paintings from the swedish arts and crafts movement reli  illustr  20 mars 2014  dition en anglais de carl larsson artiste polly lawson avec la contribution de 101  valuations afficher tous les formats et  ditions

carl larsson s home family and farm paintings from the - Jul 16 2023

web carl larsson s home family and farm paintings from the swedish arts and crafts movement lennart rudstr m carl larsson polly lawson carl larsson is one of sweden s best loved artists his stunning watercolours of his home and family from the end of the 19th century are acclaimed as one of the richest records of life at that time

carl larsson s home family and farm google books - Dec 09 2022

web stunning watercolour paintings by one of sweden s best loved artists fascinating insight into swedish rural and artistic life in the late nineteenth century accompanied by an explanatory text

carl larsson s home family and farm paintings from the - Nov 08 2022

web abebooks com carl larsson s home family and farm paintings from the swedish arts and crafts movement 9781782500476 and a great selection of similar new used and collectible books available now at great prices

carl larsson s home family and farm floris books - Apr 01 2022

web carl larsson s home family and farm paintings from the swedish arts and crafts movement original artwork by carl larsson polly lawson price 20 00 availability available to buy see inside add to basket quick look stunning watercolour paintings by one of sweden s best loved artists

carl larsson s home family and farm skandisk - Jan 10 2023

web the paintings in this book are a combined collection which depict larsson s family his wife karin and their eight children his home in the village of sundborn and his farm spadarvet the accompanying text provides a fascinating insight into larsson family and farm life and his painting techniques

carl larsson wikipedia - Mar 12 2023

web the world of carl larsson penfield books isbn 978 1 932043 21 1 larsson carl 2007 a family paintings from a bygone age
floris books isbn 978 0 86315 583 3 larsson carl 2008 a farm paintings from a bygone age floris books isbn 978 0 86315 630
4 larsson carl 2006 a home paintings from a bygone age floris books

carl larsson and his cozy house dailyart magazine - Jan 30 2022

web sep 29 2020 wiki art carl larsson and his cozy house carl and karin larsson with children photographer unknown carl
larsson house the couple received their house from karin s father they kept redecorating it in a comfortable arts and crafts
style karin focused on the textiles whereas carl painted also in the style of aestheticism

carl larsson s home family and farm paintings from the alibris - Jun 03 2022

web buy carl larsson s home family and farm paintings from the swedish arts and crafts movement by carl larsson artist polly
lawson text by online at alibris we have new and used copies available in 1 editions starting at 20 05

airbus support equipment summary introduction - Jan 28 2022

web airbus support equipment summary introduction 1 general the support equipment summary is intended as a guide and a
reference for operators concerned with support equipment and tools for aircraft servicing maintenance and shop overhaul of
system and structure components 2

airbus tool capability list 2020 03 27 satair - Apr 30 2022

web o Ç v o Ç v

tools ground support equipment h145 ec145 family airbus - May 12 2023

web user guide towing mooring and immobilization tools containers and cases safety and security equipment extractors
guides and calibrated wrenches testing measurement and maintenance tools benches services and maintenance benches
please note that depending on the catalog version all the tool families may not be necessarily applicable

tool equipment bulletin no teb 21630si1 1 i avionteg - Oct 05 2022

web apr 2 2019 description this tool is used to perform tests on arinc429 tool status n a note cage code vendor f6614 eca
group aerospace division for more information please contact repair vendor airbus com reason for information introduction
detailed description history teb reference

safetyfirst airbus com - Jun 01 2022

web special tools or ground support equipment gse may be required to perform some maintenance tasks airbus provides a
list of approved suppliers for gse or tools in the tools and equipment manual tem gse or tools from suppliers that are not
listed in the tem may be offered to operators and maintenance organizations as alternatives

volume normal procedures - Dec 27 2021

web airbus x volume 2 normal procedures version 02 01 xx record of revisions revision n issue date description 001 28 aug 2010 release aerosoft airbus x normal procedures vol 2 02 01 2 30 august 2010 cockpit safety inspection pnf duty

tools ground support equipment h135 ec135 family airbus - Apr 11 2023

web with the aim of continuously improving its services airbus helicopters is pleased to present you its new tools ground support equipment commercial catalog this catalog intends to illustrate the suite of specific tools and ground support equipment for o and i

helicopter technical support airbus - Jul 02 2022

web the c rfm computerised rotorcraft flight manual which is available for the h160 via a digital tablet is a fully digital flight manual solution certified by the airworthiness authorities and allows operators to fly in a paperless cockpit it offers a smart access to the flight manual tailored to the customers helicopter configuration

ground support equipment gse maintain airbus aircraft - Feb 09 2023

web line sizing line sizing tool enables b1 or equivalent mechanics to perform damage sizing on a350 monolithic cfrp learn more on store line sizing map combo this combo kit contains line map and line sizing gse learn more

tool recertification capability list airbus - Aug 03 2022

web tool recertification capability list all customer a220 program designated addresses for airbus approved repair shops hydro systems kg robert koch strasse 23b d 22851 norderstedt glashütte germany hydro systems kg ahfeldstraße 10 d 77781 biberach germany hydro service uk

tools ground support equipment h175 family airbus - Jan 08 2023

web with the aim of continuously improving its services airbus helicopters is pleased to present you its new tools ground support equipment commercial catalog this catalog intends to illustrate the suite of tools and ground support equipment and associated services that

using approved tools and ground support equipment for airbus - Mar 10 2023

web special tools or ground support equipment gse may be required to perform some maintenance tasks airbus provides a list of approved suppliers for gse or tools in the tools and equipment manual tem gse or tools from suppliers that are not listed in the tem may be offered to operators and maintenance organizations as alternatives

tools ground support equipment ecureuil family airbus - Dec 07 2022

web with the aim of continuously improving its services airbus helicopters is pleased to present you its new tools ground support equipment commercial catalog this catalog intends to illustrate the suite of specific tools and ground support equipment for o and i

airbus drawing services general information - Nov 06 2022

web tool equipment drawings ted tool equipment drawings access to airbus sas and vendor tool drawings non proprietary as referred in the tem tool equipment manual vendor tool drawings classified as proprietary part in the tem are not available this application is not granted to mro s and service providers

tools ground support equipment dauphin family airbus - Aug 15 2023

web user guide towing mooring and immobilization tools containers and cases safety and security equipment extractors guides and calibrated wrenches testing measurement and maintenance tools benches services and maintenance benches please note that depending on the catalog version all the tool families may not be necessarily applicable

airbus tool and equipment tronair - Jul 14 2023

web find all the airbus tools aircraft ground support equipment you need for your plane tronair is home to dozens of high quality ground support equipment for various models from the a310 to the a350 browse purchase the

technical publications airbus u s - Sep 04 2022

web the primary publications provided are a flight manual maintenance manuals and procurement and identification manuals parts and tools catalogue these publications cover standard and customized helicopter installations as well as optional equipment

aircraft gse and tools aviationhunt - Feb 26 2022

web jul 31 2022 airbus divides gse into two categories tools standard tools specific tools standard gse standard tools are hand tools such as spanners sockets gauges torque wrenches the specifications size range capacity accuracy are given in the related aircraft maintenance manual amm task to let operators use the tool brand of

airbus - Jun 13 2023

web the purpose of the ses is to list all tools which are called up in the airbus and vendor documentation the summary is divided into chapters sections as defined in the ata 100 specification srm structural repair manual tem tool and equipment manual 11 tpsup technical publication supplier for documentation support equipment

aircraft characteristics airport and maintenance planning ac airbus - Mar 30 2022

web airbus s a s customer services technical data support and services 31707 blagnac cedex france issue sep 30 85 rev dec 01 20 a320 aircraft characteristics airport and maintenance planning highlights revision no 39 dec 01 20 locations chg code descriptions of change