## Operation & Maintenance Manual

# D65EXi-18 D65PXi-18

#### BULLDOZER

SERIAL NUMBER

D65EXi-18 - 90023 and up

D65PXi-18 - 90023 and up



#### WARINING

Unsafe use of this machine may cause serious injury or death. Operators and maintenance personnel must read this manual before operating or maintaining this machine. This manual should be kept inside the cab for reference and periodically reviewed by all personnel who will come into contact with the machine.

ORIGINAL INSTRUCTIONS



## **Komatsu D65 Operators Manual**

### **EW Minium**

#### **Komatsu D65 Operators Manual:**

Lawyers Desk Reference ,2001 World Dredging & Marine Construction ,1987 Technical Literature Abstracts Society of Automotive Engineers, 1994 Farmers and Consumers Market Bulletin ,2009 An Analysis of Shift-level Data from Six Cable Logging Operations A. W. Evanson, Mark O. Kimberley, 1992 Moody's International Construction Methods ,1973 Equipment Operator's Manual Minnesota. Department of Transportation. Manual ,1996 Office of Maintenance, 1999 Komatsu D65 6151-81-8500 Turbocharger Rebuild Guide and Shop Manual Brian Smothers, 2015-01-09 This shop manual covers the proper disassembly inspection rework assembly and installation of the 6151 81 8500 turbocharger found on the Komatsu D65 engines Written by an industry professional this book contains full color photos diagrams torque specs and best practices Repairing your vehicle s turbocharger is easy and cost effective if you know how This shop manual covers Garrett Honeywell T04E 466704 0211 466704 9211 466704 5211 466704 211 Turbochargers Operator's Manual ,1988 Operator's Manual ,1989 Operator's Manual ,1974 Operator's Manual ,1988 Operator's Manual ,1991 Operator's Manual, Operation Under Usual and Unusual Conditions, 1981 Operator's Manual .1991 Operator's Manual: Hydraulic Excavator, John Deere, Model 230LCR, NSN 3805-01-463-0804 and Model 230LCRD with Rock Drill, NSN 3805-01-463-0806 Komatsu D60A-D60S Bulldozer and Dozer Shovel Komatsu, Operator's, Organizational, Direct Support, General Support, and Depot Maintenance Manual (including Repair Parts Information and Supplemental Maintenance and Repair Parts Instructions) for Loader, Scoop Type, DED, 4 X 4, Articulated Frame Steer, 4 1/2 to 5 Cubic Yard (CCE), Clark Model 175 B, Type I with 4 1/2 Cu. Yd. Bucket, NSN 3805-00-602-5006, Clark Model 175, Type II with 5 Cu. Yd. Operator's Manual Minneapolis-Moline Company. Hopkins General Purpose Bucket, NSN 3805-00-602-5013 ,1988 (Minn.),

When people should go to the book stores, search initiation by shop, shelf by shelf, it is in fact problematic. This is why we present the books compilations in this website. It will extremely ease you to see guide **Komatsu D65 Operators Manual** as you such as.

By searching the title, publisher, or authors of guide you essentially want, you can discover them rapidly. In the house, workplace, or perhaps in your method can be every best area within net connections. If you plan to download and install the Komatsu D65 Operators Manual, it is certainly easy then, past currently we extend the colleague to buy and make bargains to download and install Komatsu D65 Operators Manual thus simple!

https://staging.conocer.cide.edu/data/book-search/default.aspx/Introduction\_To\_A\_History\_Of\_Woodcut\_With\_A\_Detail.pdf

#### **Table of Contents Komatsu D65 Operators Manual**

- 1. Understanding the eBook Komatsu D65 Operators Manual
  - The Rise of Digital Reading Komatsu D65 Operators Manual
  - Advantages of eBooks Over Traditional Books
- 2. Identifying Komatsu D65 Operators 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 Komatsu D65 Operators Manual
  - User-Friendly Interface
- 4. Exploring eBook Recommendations from Komatsu D65 Operators Manual
  - Personalized Recommendations
  - Komatsu D65 Operators Manual User Reviews and Ratings
  - Komatsu D65 Operators Manual and Bestseller Lists

- 5. Accessing Komatsu D65 Operators Manual Free and Paid eBooks
  - Komatsu D65 Operators Manual Public Domain eBooks
  - Komatsu D65 Operators Manual eBook Subscription Services
  - Komatsu D65 Operators Manual Budget-Friendly Options
- 6. Navigating Komatsu D65 Operators Manual eBook Formats
  - ∘ ePub, PDF, MOBI, and More
  - Komatsu D65 Operators Manual Compatibility with Devices
  - Komatsu D65 Operators Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
  - Adjustable Fonts and Text Sizes of Komatsu D65 Operators Manual
  - Highlighting and Note-Taking Komatsu D65 Operators Manual
  - Interactive Elements Komatsu D65 Operators Manual
- 8. Staying Engaged with Komatsu D65 Operators Manual
  - Joining Online Reading Communities
  - Participating in Virtual Book Clubs
  - Following Authors and Publishers Komatsu D65 Operators Manual
- 9. Balancing eBooks and Physical Books Komatsu D65 Operators Manual
  - Benefits of a Digital Library
  - $\circ$  Creating a Diverse Reading Collection Komatsu D65 Operators Manual
- 10. Overcoming Reading Challenges
  - o Dealing with Digital Eye Strain
  - Minimizing Distractions
  - Managing Screen Time
- 11. Cultivating a Reading Routine Komatsu D65 Operators Manual
  - Setting Reading Goals Komatsu D65 Operators Manual
  - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Komatsu D65 Operators Manual
  - Fact-Checking eBook Content of Komatsu D65 Operators 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

#### **Komatsu D65 Operators Manual Introduction**

In todays digital age, the availability of Komatsu D65 Operators 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 Komatsu D65 Operators Manual books and manuals for download, along with some popular platforms that offer these resources. One of the significant advantages of Komatsu D65 Operators 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 Komatsu D65 Operators 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, Komatsu D65 Operators 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 Komatsu D65 Operators 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 Komatsu D65 Operators 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, Komatsu D65 Operators 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 Komatsu D65 Operators Manual books and manuals for download and embark on your journey of knowledge?

#### **FAQs About Komatsu D65 Operators 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 webbased 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. Komatsu D65 Operators Manual is one of the best book in our library for free trial. We provide copy of Komatsu D65 Operators Manual in digital format, so the resources that you find are reliable. There are also many Ebooks of related with Komatsu D65 Operators Manual. Where to download Komatsu D65 Operators Manual online for free? Are you looking for Komatsu D65 Operators Manual PDF? This is definitely going to save you time and cash in something you should think about. If you trying to find then search around for online. Without a doubt there are numerous these available and many of them have the freedom. However without doubt you receive whatever you purchase. An alternate way to get ideas is always to check another Komatsu D65 Operators Manual.

This method for see exactly what may be included and adopt these ideas to your book. This site will almost certainly help you save time and effort, money and stress. If you are looking for free books then you really should consider finding to assist you try this. Several of Komatsu D65 Operators Manual are for sale to free while some are payable. If you arent sure if the books you would like to download works with for usage along with your computer, it is possible to download free trials. The free guides make it easy for someone to free access online library for download books to your device. You can get free download on free trial for lots of books categories. Our library is the biggest of these that have literally hundreds of thousands of different products categories represented. You will also see that there are specific sites catered to different product types or categories, brands or niches related with Komatsu D65 Operators Manual. So depending on what exactly you are searching, you will be able to choose e books to suit your own need. Need to access completely for Campbell Biology Seventh Edition book? Access Ebook without any digging. And by having access to our ebook online or by storing it on your computer, you have convenient answers with Komatsu D65 Operators Manual To get started finding Komatsu D65 Operators Manual, you are right to find our website which has a comprehensive collection of books online. Our library is the biggest of these that have literally hundreds of thousands of different products represented. You will also see that there are specific sites catered to different categories or niches related with Komatsu D65 Operators Manual So depending on what exactly you are searching, you will be able to choose ebook to suit your own need. Thank you for reading Komatsu D65 Operators Manual. Maybe you have knowledge that, people have search numerous times for their favorite readings like this Komatsu D65 Operators Manual, but end up in harmful downloads. Rather than reading a good book with a cup of coffee in the afternoon, instead they juggled with some harmful bugs inside their laptop. Komatsu D65 Operators Manual is available in our book collection an online access to it is set as public so you can download 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, Komatsu D65 Operators Manual is universally compatible with any devices to read.

#### Find Komatsu D65 Operators Manual:

introduction to a history of woodcut with a detail
introduction to cryptography principles and applications
introduction to concepts and theories in physical science
introduction aala rha torique tha orie et pratique collection premier cycle
introduction to computer data proceesing with basic

intro to forensic anthropology 2nd introducing genetics from mendel to molecules

#### introduction to batik

introducing foucault

intro to statistical concepts for education etc

introduction to endocrine investigation techniques and concepts

introduction to chemistry and basic chemistry principles

into the path of gods macsens treasure series macsens treasure serieskathleen cunningham guler

 $introduction\ to\ fortran\ and\ its\ applications$ 

introduction to concurrency using occam

#### **Komatsu D65 Operators Manual:**

how to record payroll journal entries types and examples - Mar 09 2023

web jun 20 2023 the primary journal entry for payroll is the summary level entry that is compiled from the payroll register and which is recorded in either the payroll journal or

salary paid journal entry carunway - Apr 29 2022

web the journal entry to record the payment of salaries should include a a debit to cash and a credit to salaries expense b a debit to salaries expense and a credit to accounts

#### journal entry for paid wages example accountinguide - Jun 12 2023

salary paid in advance is also known as prepaid salary it is a prepaid expense it is the amount of salary paid by an entity in advance but the corresponding work effort equivalent to the see more

payroll journal entries accountingtools - Jul 13 2023

the life cycle to account for payment of salary expense in cash cheque goes through a couple of steps as shown below step 1 journal entry for salary paid in cash cheque step 2 see more

#### journal entry for salary advance salary - May 11 2023

on the last day of every month unreal corporation pays salaries to its employees amounting to 250 000 the payment relates to the salary due for the same month show related journal entries for salary paid in the see more

#### thejornal entry to record the payment of salary - Sep 22 2021

web vdom dhtml tml what is the journal entry for recieved salary from employers quora

payroll journal entry example my accounting course - May 31 2022

web may 18 2022 recording the payroll process with journal entries involves three steps accruing payroll liabilities transferring cash and making payments 1 accrue short term

#### turkey 2021 annual tax return obligation for wages mondaq - Dec 26 2021

web for example a company that just purchased its office supplies from company b and received an invoice of 500 should record the amount in its accounts payable sub

#### how to prepare a payroll journal entry examples - Apr 10 2023

salary is paid to the partners of the partnership firm only if it is specified in the partnership deed journal entry the following are the steps to record the journal entry for see more

the journal entry to record the payment of salaries should - Jul 01 2022

web this journal entry is made to recognize the liability salaries payable that the company has obligation to fulfil in the new future as well as to record the expense salaries expense

journal entries examples format how to explanation - Feb 25 2022

web a company shows a balance in salaries payable of 40 000 at the end of the month the next payroll amounting to 45 000 is to be paid in the following month what will be the

annual tax return obligation for wages withholding tax - Nov 24 2021

web sep 15 2021 2021 annual tax return obligation for wages annual income tax returns for 2021 income will be submitted to the relevant tax offices in march 2022 the deadline

journal entry to record the payment of salaries - Oct 04 2022

web salaried payroll entry 1 to record the salaries and withholdings for the work period of december 16 31 that will be paid on december 31 in addition to the salaries recorded

#### accounting and journal entry for salary paid - Aug 14 2023

salary is an indirect expense incurred by every organization with employees it is paid as a consideration for the efforts undertaken by the employees for the business salary expense is recorded in the books of accounts with a journal entry for salary paid salary is among the most recurring transactions and paid see more

#### what is payroll accounting how to do payroll journal - Dec 06 2022

web sep 7 2023 2 set up your debit column with payroll expenses wages salaries benefits this is the initial setup of your expense for payroll and because you haven t actually paid

#### payroll journal entries definition types and examples - Nov 05 2022

web learning outcomes prepare entries to accrue payroll and payroll related taxes assume a company had a payroll of 35 000 for the month of april the company withheld the

#### a company shows a balance in salaries payable of 40 000 at - Mar 29 2022

web apr 30 2022 the journal entry is to record salaries due to the entity s employees so the entity debits the expenditure

with corresponding credits to the payable here payables

how to record payments in accounting the accounts payable - Jan 27 2022

web journal entries use debits and credits to record the changes of the accounting equation in the general journal traditional journal entry format dictates that debited accounts are

#### how to make payroll journal entries a small business guide - Aug 02 2022

web feb 9 2018 journal entry to record the payment of salaries q1 the entity paid 8 000 salaries expense in cash prepare a journal entry to record this transaction

average salary in turkey for 2022 exact salary careerexplorer - Aug 22 2021

web thejornal entry to record the payment of salary april 3rd 2018 of entry receiptshowing payment of the 180 sevis fee department that specifies your position

payroll journal entries for salaries accountingcoach - Jan 07 2023

web please make the journal entry for january s salary the company makes payment of january salary in february however we need to record the expense in january to

#### journal entry for salaries paid example financeazy - Sep 03 2022

web dec 28 2022 how to prepare a payroll journal entry here are five steps to preparing a payroll journal entry 1 set up payroll accounts you can put payroll accounts in the

#### what is the journal entry for recieved salary from employers - Oct 24 2021

web jan 21 2021 turkey annual tax return obligation for wages 21 january 2021 by erdoğdu onur erol cottgroup annual income tax returns for 2020 income will be

payroll journal entries financial accounting lumen - Feb 08 2023

web example company abc hires some workers to complete the work for customers during the month the company has paid wages of 35 000 to all employees please prepare a

4 ways to write a table of contents wikihow - Jul 14 2023

web feb 28 2023 1 start a new page after the title page the table of contents should appear after the title page in the document to create the table of contents manually start a new page right after the title page this way you do not have to worry about moving the table of contents around in the document later

#### word tips how to create a table of contents in word - Apr 11 2023

web a table of contents is just like the list of chapters at the beginning of a book it lists each section in the document and the page number where that section begins a really basic table of contents might look like this you could create a table of contents manually typing the section names and page numbers but it would take a lot of work

#### format or customize a table of contents microsoft support - Jun 13 2023

web go to references table of contents select custom table of contents use the settings to show hide and align page numbers add or change the tab leader set formats and specify how many levels of headings to show for more info see custom table of contents format the text in your table of contents

#### how to make a table of contents with examples grammarly - May 12 2023

web sep 22 2023 a simple table of contents is standard with minimal information while an expanded table of contents can include author names descriptions or subsections a graphic table of contents incorporates visuals and

#### how to create a table of contents in word step by step - Aug 15 2023

web there are 3 types of table of contents you can create in microsoft word all with a number of different options and features automatic table based on your saved formatting custom table of contents that is 100 customizable manual insert a table of contents microsoft support - Sep 16 2023

web put your cursor where you want to add the table of contents go to references table of contents and choose an automatic style if you make changes to your document that affect the table of contents update the table of contents by right clicking the table of contents and choosing update field

how to create and update a table of contents in microsoft word - Oct 17 2023

web using a table of contents in your document makes it easier for the reader to navigate you can insert a table of contents in word from the headings used in your document and then you can update it after making changes to the document here s how to do it

#### test banks solutions manual der keiler coding pdf uniport edu - Jul 09 2022

web jun 22 2023 test banks solutions manual der keiler coding 1 10 downloaded from uniport edu ng on june 22 2023 by guest test banks solutions manual der keiler coding this is likewise one of the factors by obtaining the soft documents of this test banks solutions manual der keiler coding by online you might not require

test banks solutions manual der keiler coding copy - Feb 16 2023

web test banks solutions manual der keiler coding web apr 3 2023 solution manual der keiler coding pdf as skillfully as review them wherever you are now advanced calculus patrick fitzpatrick 2009 advanced calculus is intended as a text for courses that

test banks solutions manual der keiler coding - Jan 03 2022

web test banks solutions manual der keiler coding as recognized adventure as competently as experience very nearly lesson amusement as without difficulty as concord can be gotten by just checking out a book test banks solutions manual der keiler coding along with it is not directly done you could receive even more on the order of

makerbook net - Dec 14 2022

web makerbook net

test banks solutions manual der keiler coding pdf paul j - Jul 21 2023

web may 20 2023 test banks solutions manual der keiler coding pdf is available in our digital library an online access to it is set as public so you can download it instantly our books collection spans in multiple countries allowing you to get the most less latency time to download any of our books like this one merely said the test banks solutions manual test banks solutions manual der keiler coding - Aug 10 2022

web latency period to download any of our books like this one merely said the test banks solutions manual der keiler coding is universally compatible considering any devices to read dorf s introduction to electric circuits richard c dorf 2020 05 07 dorf s introduction to electric circuits global edition is designed for a one to three

test banks solutions manual der keiler coding pdf 2023 - Feb 04 2022

web decoding test banks solutions manual der keiler coding pdf revealing the captivating potential of verbal expression in a period characterized by interconnectedness and an insatiable thirst for knowledge the captivating potential of verbal expression has emerged as a formidable force its power to evoke sentiments test banks solutions manual der keiler coding pdf uniport edu - May 07 2022

web apr 1 2023 template library complete and fully executable code throughout sections highlighting programming tips and common pitfalls and a logical order of coverage of c topics in order for students to better understand the language test banks solutions manual der keiler coding 2015eeglobalsip - May 19 2023

web apr 8 2023 the manner of some harmful virus inside their computer test banks solutions manual der keiler coding is manageable in our digital library an online access to it is set as public fittingly you can download it instantly our digital library saves in merged countries allowing you to get the most less

#### test banks solutions manual der keiler coding copy uniport edu - Sep 11 2022

web may 27 2023 favorite books bearing in mind this test banks solutions manual der keiler coding but end stirring in harmful downloads rather than enjoying a fine book later a cup of coffee in the afternoon instead they juggled past some harmful virus inside their computer test banks solutions manual der keiler coding is manageable in our digital read online test banks solutions manual der keiler coding pdf - Jun 08 2022

web sep 2 2023 read online test banks solutions manual der keiler coding pdf file free polskabezgotowki pl worldline com author academic press subject polskabezgotowki pl worldline com keywords download ebook read online test banks solutions manual der keiler coding pdf file free polskabezgotowki pl worldline com test banks solutions manual der keiler coding free pdf books - Jun 20 2023

web test banks solutions manual der keiler coding pdf or read test banks solutions manual der keiler coding pdf on the most popular online pdflab only register an account to downloadtest banks solutions manual der keiler coding pdf online pdf related to test banks solutions manual der keiler coding get access test banks

#### solution manual der keiler coding thebookee net - Aug 22 2023

web hist vol i instructors ed pdf 4927627 pdf test bank and solution manual der keiler coding berkin carol et al making america vol ii from 1877 5th ed houghton mifflin 2008 introduction

#### domain seizure notice - Apr 06 2022

web note instructor solutions manuals and test banks are intended solely for the use of publisher approved instructors the unauthorized reproduction distribution and use of these materials by students harm the integrity of the educational process and may constitute academic misconduct at students schools united states code section 501

#### test banks solutions manual der keiler coding pdf uniport edu - Mar 17 2023

web may 7 2023 this test banks solutions manual der keiler coding but end up in malicious downloads rather than reading a good book with a cup of coffee in the afternoon instead they are facing with some harmful virus inside their computer test banks solutions manual der keiler coding is available in our book collection an online access to it is set as

#### test banks solutions manual der keiler coding copy uniport edu - Mar 05 2022

web apr 27 2023 their computer test banks solutions manual der keiler coding is reachable in our digital library an online right of entry to it is set as public consequently you can download it instantly

#### test banks solutions manual der keiler coding pdf - Nov 13 2022

web test banks solutions manual der keiler coding is available in our digital library an online access to it is set as public so you can download it instantly our book servers saves in multiple locations allowing you to get the most less latency time to download

#### test banks solutions manual der keiler coding - Jan 15 2023

web test banks solutions manual der keiler coding solutions manual for an introduction to thermodynamics mar 28 2021 this manual contains the complete solution for all the 505 chapter end problems in the textbook an introduction to thermodynamics and will serve as a handy reference to teachers as well as students the data

#### test banks solutions manual der keiler coding - Apr 18 2023

web merely said the test banks solutions manual der keiler coding is universally compatible with any devices to read dairy ingredients for food processing ramesh c chandan 2011 03 15 the objective of this book is to provide a single reference source for those working with dairy based

read online test banks solutions manual der keiler coding pdf - Oct 12 2022

#### Komatsu D65 Operators Manual

web mar 3 2023 keiler coding pdf file free student solutions manual to accompany chemistry and chemical reactivity bank management principles of quality control solutions manual to accompany intermediate public economics second edition solutions manual for for tests larson s learning support includes free text specific tutorial