



Bookmarks



- front cover
- Inner front cover
- Inner Pages
- Inner back cover
- back cover

MUSTANG LOADER IDENTIFICATION



- * FOPS - The Mustang Back Steer Loader can be factory equipped with a variety of different types of tires. See your Authorized Mustang Dealer for available optional tires.
- * BUCKETS - Several different buckets and other attachments are available for the Mustang Loader.
- * ROPS/FOPS - Roll-Over Protective Structure per SAE J1040 and ISO 3449, and Falling Object Protective Structure per SAE J1040 and ISO 3449, Level 1, Level 2 is available. The Mustang Loader is factory-equipped with a standard operator cab. A reduced noise cab is available as an option.

Mustang Skid Steer Operation Manual

S Ashworth



Mustang Skid Steer Operation Manual:

Embark on a transformative journey with Explore the World with is captivating work, **Mustang Skid Steer Operation Manual** . This enlightening ebook, available for download in a convenient PDF format Download in PDF: , invites you to explore a world of boundless knowledge. Unleash your intellectual curiosity and discover the power of words as you dive into this riveting creation. Download now and elevate your reading experience to new heights .

<https://staging.conocer.cide.edu/book/browse/default.aspx/Global%20Skill%20Builder%20Cd%20rom%20For%20Macintosh%20And%20Windows.pdf>

Table of Contents Mustang Skid Steer Operation Manual

1. Understanding the eBook Mustang Skid Steer Operation Manual
 - The Rise of Digital Reading Mustang Skid Steer Operation Manual
 - Advantages of eBooks Over Traditional Books
2. Identifying Mustang Skid Steer Operation 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 Mustang Skid Steer Operation Manual
 - User-Friendly Interface
4. Exploring eBook Recommendations from Mustang Skid Steer Operation Manual
 - Personalized Recommendations
 - Mustang Skid Steer Operation Manual User Reviews and Ratings
 - Mustang Skid Steer Operation Manual and Bestseller Lists
5. Accessing Mustang Skid Steer Operation Manual Free and Paid eBooks
 - Mustang Skid Steer Operation Manual Public Domain eBooks
 - Mustang Skid Steer Operation Manual eBook Subscription Services

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

Mustang Skid Steer Operation Manual Introduction

In the digital age, access to information has become easier than ever before. The ability to download Mustang Skid Steer Operation Manual has revolutionized the way we consume written content. Whether you are a student looking for course material, an avid reader searching for your next favorite book, or a professional seeking research papers, the option to download Mustang Skid Steer Operation Manual has opened up a world of possibilities. Downloading Mustang Skid Steer Operation Manual provides numerous advantages over physical copies of books and documents. Firstly, it is incredibly convenient. Gone are the days of carrying around heavy textbooks or bulky folders filled with papers. With the click of a button, you can gain immediate access to valuable resources on any device. This convenience allows for efficient studying, researching, and reading on the go. Moreover, the cost-effective nature of downloading Mustang Skid Steer Operation Manual has democratized knowledge. Traditional books and academic journals can be expensive, making it difficult for individuals with limited financial resources to access information. By offering free PDF downloads, publishers and authors are enabling a wider audience to benefit from their work. This inclusivity promotes equal opportunities for learning and personal growth. There are numerous websites and platforms where individuals can download Mustang Skid Steer Operation Manual. These websites range from academic databases offering research papers and journals to online libraries with an expansive collection of books from various genres. Many authors and publishers also upload their work to specific websites, granting readers access to their content without any charge. These platforms not only provide access to existing literature but also serve as an excellent platform for undiscovered authors to share their work with the world. However, it is essential to be cautious while downloading Mustang Skid Steer Operation Manual. Some websites may offer pirated or illegally obtained copies of copyrighted material. Engaging in such activities not only violates copyright laws but also undermines the efforts of authors, publishers, and researchers. To ensure ethical downloading, it is advisable to utilize reputable websites that prioritize the legal distribution of content. When downloading Mustang Skid Steer Operation Manual, users should also consider the potential security risks associated with online platforms. Malicious actors may exploit vulnerabilities in unprotected websites to distribute malware or steal personal information. To protect themselves, individuals should ensure their devices have reliable antivirus software installed and validate the legitimacy of the websites they are downloading from. In conclusion, the ability to download Mustang Skid Steer Operation Manual has transformed the way we access information. With the convenience, cost-effectiveness, and accessibility it offers, free PDF downloads have become a popular choice for students, researchers, and book lovers worldwide. However, it is crucial to engage in ethical downloading practices and

prioritize personal security when utilizing online platforms. By doing so, individuals can make the most of the vast array of free PDF resources available and embark on a journey of continuous learning and intellectual growth.

FAQs About Mustang Skid Steer Operation Manual Books

1. Where can I buy Mustang Skid Steer Operation 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 Mustang Skid Steer Operation 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 Mustang Skid Steer Operation 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 Mustang Skid Steer Operation 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 Mustang Skid Steer Operation Manual books for free? Public Domain Books: Many classic books are available for free as they're in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Mustang Skid Steer Operation Manual :

global skill builder- cd-rom for macintosh and windows

glorious appearing left behind 12 abridged audio cassette by lahaye...

go gentle into the night

god and mammon in america

gmat 2000-2001 gmat cat kaplanbook & cd-rom

globalism & the new regionalism volume 1

goals and glory

global struggle for human rights universal principles in world politics

go bananas

global securitisation and cdos

glue ministry manual

glossary of cognitive science

~~go down moose satb pf~~

globalization with a human face

global health challenges for human security

Mustang Skid Steer Operation Manual :

400 top control systems lab viva questions and answers pdf - Nov 11 2022

web control systems viva questions and answers 1 what is control system a system consists of a number of components connected together to perform a specific function in a system when the output quantity is controlled by varying the input quantity then the system is called control system 2 what are the two major types of control system

instrumentation and control system lab viva questions with - Dec 12 2022

web the book instrumentation and control system lab viva questions with answers multiple choice questions mcq quiz control

systems quiz answers pdf to learn online courses control systems tests

control systems lab viva questions answers - Aug 08 2022

web feb 4 2019 top 30 control systems interview questions and answers question 1 what is the importance of control system question 2 what are the basic elements of control system question 3 where are control systems used

control systems viva questions and answers inst tools - Aug 20 2023

web control systems viva questions and answers top 100 control systems objective questions answers here at instrumentation tools we can offer you with a list of top 100 objective type questions answers on control systems loaded 0 auto 360p lq sis valves proof testing instrumentation tutorials categories vortex flow meter

instrumentation and control systems viva questions - Jul 19 2023

web power systems switchgear protection transmission distribution measure control valves calibration temperature pressure flow level analyzers switches vibration solenoid valve control plc tutorials control systems safety instrumented system sis communication fire gas system more design tools animation basics

vtu control systems lab viva questions - Apr 04 2022

web may 16 2023 control and recovery in database systems jul 06 2021 electronic government jul 26 2020 this book constitutes the proceedings of the 18th ifip wg 8 5 international conference on electronic government egov 2019 held in san benedetto del tronto italy in september 2019 in conjunction with the ifip wg 8 5 ifip international

15ei303l control systems engineering - Apr 16 2023

web control systems engineering laboratory department of electronics and instrumentation engineering 7 after completing the experiment the answer to pre lab viva voce questions should be neatly written in the workbook 8 be regular systematic patient and steady 5

viva questions for instrumentation and control systems - Mar 03 2022

web instrumentation engineering interview questions and control systems lab viva questions electrical interview instrumentation and process control pdf question and answer

instrumentation lab viva questions instrumentation tools - Oct 22 2023

web here is the list of most frequently asked instrumentation lab viva questions table of contents instrumentation viva questions q 1 mention some of the transducers q 2 state the advantages of lvdt q 3 state the disadvantages of lvdt q 4 define transducer q 5 what is the pressure transducer q 6

control system lab viva question answer engineering - May 05 2022

web the control system lab viva question answer engineering half is an invaluable resource that digs strong into which center of the electrical engineering ee exam diesen study bills are curated until professionals and covering all the essential topics

and concepts creating owner preparation

viva questions for instrumentation and control systems pdf - Mar 15 2023

web viva questions for instrumentation and control systems practical data acquisition for instrumentation and control systems dec 02 2022 introduction to data acquisition control analog and digital signals signal conditioning the personal computer for real time work plug in data acquisition boards serial data communications distributed

300 top control systems lab questions and answers - Sep 21 2023

web control systems viva questions 1 what is control system a system consists of a number of components connected together to perform a specific function in a system when the output quantity is controlled by varying the input quantity then the system is called control system 2 what are the two major types of control system

200 quiz questions for instrumentation and control professionals - Jan 13 2023

web by jatin katrodiya we provide you the latest 200 quiz questions and answers for engineers and technicians of instrumentation and control professions instrumentation and control find the sample 30 questions from the instrumentation and control quiz click on the below start button to get complete 200 questions with answers question 1

instrumentation and control systems lab viva questions - May 17 2023

web practical questions mcq instrumentation mcq electrical mcq electronics mcq control systems mcq analog electronics mcq digital electronics mcq power electronics mcq microprocessor mcq multiple choice questions ee electronics

control systems question and answers youtube - Oct 10 2022

web in this video we prepared a list of control systems objective questions answers improve your skills in control systems best wishes for your exam prepara

instrumentation and control systems lab - Jun 06 2022

web instrumentation and control systems lab in first semester of iv year b tech mech programme during the academic year 2018 19 sample viva questions m a r r i i l a x m a n r e d d y i n s t i t u t e o f t e c h n o l o g y m a n a g e m e n t

viva questions for instrumentation and control systems - Sep 09 2022

web control systems home control systems quiz questions and answers 106 top control systems lab viva questions and control and instrumentation questions and control system viva questions answers system mecs2016 woodshop dust control 5s successful instrumentation and control systems design second edition 21st century

electronics instrumentation and measurement practical viva questions - Feb 14 2023

web sophisticated systems keeping mathematics to a minimum the material meets the needs of the instrumentation engineer or technician who must learn how equipment operates i t covers pneumatic and electronic control systems actuators and valves control loop adjustment combination control systems and process computers and

[viva questions for instrumentation and control systems lab](#) - Jun 18 2023

web power systems switchgear protection transmission distribution measure control valves calibration temperature pressure flow level analyzers switches vibration solenoid valve control plc tutorials control systems safety instrumented system sis communication fire gas system more design tools animation basics

top 41 control systems interview questions 2023 javatpoint - Jul 07 2022

web check at javatpoint for control systems important interview questions and answers here a list of top frequently asked control systems interview questions and answers

[encore tricolore 2 nouvelle Édition by sylvia honnor scribd](#) - Jun 16 2023

web encore tricolore 2 nouvelle Édition by sylvia honnor heather mascie taylor z lib org free ebook download as pdf file pdf or read book online for free

encore tricolore 2 student book nouvelle edition - Feb 12 2023

web nov 1 2014 encore tricolore nouvelle edition has been written to help your students achieve excellent results at all stages of their french learning encore tricolore

encore tricolore nouvelle 2 student book volume 2 google - Jul 17 2023

web encore tricolore nouvelle 2 student book volume 2 sylvia honnor heather mascie taylor nelson thornes 2001 french language 176 pages this course features a

encore tricolore nouvelle 1 teacher s book google books - Mar 01 2022

web encore tricolore nouvelle edition has been written to help your students achieve excellent results at all stages of their french learning user friendly and accessible with

encore tricolore 2 nouvelle edition answers sylvia honnor pdf - May 03 2022

web sylvia honnor heather mascie taylor nelson thornes 2000 french language 208 pages section 1 provides a detailed teaching plan to help teachers with lesson preparation

encore tricolore nouvelle edition 2 grammar in action - Mar 13 2023

web encore tricolore nouvelle edition 2 grammar in action volume 2 sylvia honnor heather mascie taylor nelson thornes 2005 63 pages this trusted and tested

encore tricolore nouvelle edition 4 examination grammar in - Jan 31 2022

web sep 22 2005 encore tricolore nouvelle edition has been written to help your students achieve excellent results at all stages of their french learning features manageable

[encore tricolore 2 unit 2 flashcards quizlet](#) - Apr 14 2023

web encore tricolore 2 unit 1 66 terms willtreacle verified questions verified answer vocabulary for the sentence below

identify the type d int imp or ex and write the

encore tricolore nouvelle 2 oxford university press - May 15 2023

web jul 20 2001 *encore tricolore nouvelle* edition has been written to help your students achieve excellent results at all stages of their french learning features a systematic

encore tricolore nouvelle secondary oxford university press - Dec 30 2021

web mar 19 2015 *description* 5th edition of the high ability french course fully supported by kerboodle features stimulating up to date content with tailored resources to inspire

encore tricolore nouvelle 2 teacher s book volume 2 google - Sep 19 2023

web *encore tricolore nouvelle 2 teacher s book volume 2* sylvia honnor heather mascie taylor nelson thornes 2001 french language 192 pages this course features a

encore tricolore nouvelle 2 student book oxford university press - Dec 10 2022

web this trusted and tested course retains many of the features that have made it so reliable for exam success but is totally up to date and relevant in both content and appearance

encore tricolore nouvelle 2 student pdf uniport edu - Jun 04 2022

web there is a newer edition of this item purchase options and add ons *encore tricolore nouvelle* edition has been written to help your students achieve excellent results at all

tricolore 2 oxford university press - Oct 28 2021

encore tricolore nouvelle 3 teacher s book google books - Aug 06 2022

web *encore tricolore nouvelle edition 2 grammar in action* sylvia honnor 2005 this trusted and tested course retains many of the features that have made it so reliable for exam

encore tricolore nouvelle 2 student book paperback - Nov 09 2022

web *encore tricolore nouvelle 2 copymasters and assessment* this trusted and tested course retains many of the features that have made it so reliable for exam success but is

encore tricolore 2 nouvelle edition answers pdf uniport edu - Jul 05 2022

web *encore tricolore 2 nouvelle edition answers* 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

encore tricolore nouvelle 2 student book amazon in - Apr 02 2022

web *encore tricolore 2 nouvelle edition answers pdf* read and download pdf ebook *encore tricolore 2 nouvelle edition answers* at online ebook library get *encore tricolore 2*

[tricolore french textbook answers pdf pdf](#) - Aug 18 2023

web tricolore total 3 student book bookdepository com tricolore french textbook answers save this book to read encore tricolore 2 nouvelle edition grammar in tricolore 2

encore tricolore nouvelle 2 grammar in action workbook pack - Oct 08 2022

web this trusted and tested course retains many of the features that have made it so reliable for exam success but is totally up to date and relevant in both content and appearance

encore tricolore nouvelle 2 copymasters and assessment - Sep 07 2022

web aug 25 2023 encore tricolore 2 nouvelle edition answers 1 6 downloaded from uniport edu ng on august 25 2023 by guest encore tricolore 2 nouvelle edition

encore tricolore nouvelle 2 grammar in action - Jan 11 2023

web publication date 20 07 2001 paperback 176 pages view larger part of international schools and encore tricolore nouvelle sylvia honnor heather mascie taylor

encore tricolore nouvelle 2 grammar in action pack x8 - Nov 28 2021

jrc inmarsat fleetbroadband jue 501 quick reference manual - Jan 30 2023

web view and download jrc inmarsat fleetbroadband jue 501 quick reference manual online inmarsat fleetbroadband jue 501 conference system pdf manual download also for inmarsat fleetbroadband jue 251

jrc jue 501 fleetbroadband satcom global - May 02 2023

web overview features technical other info the latest generation maritime communications solution from jrc the jue 501 fleetbroadband provides simultaneous access to voice high speed data email fax and sms the new design antenna set inside a radome ranging just over 60cm plus the small below deck terminal ensure for a compact solution

supported sailing jrc world - Aug 25 2022

web note existing jue 251 or jue 501 can be used as part of the fx package but cannot be used separately unless disconnected from the gx terminal redundancy only applies in the overlap regions between gx i 5 satellites and fb i 4 satellites data transmission speed through the jue 251 or jue 501 will be at normal fb rates redundancy

inmarsat fleetbroadband fb500 fb250 maritime satellite jrc - Jun 03 2023

web jue 501 jue 251 iso 9001 iso 14001 certified code no 7zpsc0427 jul 2017 edition 5 not use the asbestos for further information contact url head office jrc co jp eng marine service department 1 7 32 tatsumi koto ku tokyo 135 0053 japan tmsc jrc co jp 81 50 3786 9201

jrc inmarsat jue 501 turkey marine service - Mar 20 2022

web brand jrc type jue 501 this inmarsat c system is jrc jue 501 we can supply to world wide and we can give service in all turkey ports keep in touch with us

jrc jue 501 fleetbroadband 500 wmj marine - Nov 27 2022

web jrc jue 501 fleetbroadband 500 availability contact us for availability brand new with factory warranty ship only via ground freight rate no flat rate jrc jue 501 fleetbroadband 500 jue501 list price us 17 598 90

jue 501 fleetbroadband specifications dimensions polar - Oct 27 2022

web with jrc s new jue 501 bde comes a whole new set of reliable interfacing such as a dedicated non solas voice distress port and an integrated wan selector between jrc s bde and other communication devices which switches the unit to a secondary network when the primary network is disconnected

inmarsat fleetbroadband jue 501 jrc japan radio co ltd - Oct 07 2023

web with jrc s new jue 501 bde comes a whole new set of reliable interfacing such as a dedicated non solas voice distress port and an integrated wan selector between jrc s bde and other communication devices which switches the unit to a secondary network when the primary network is disconnected

download jrc jue 501 instruction manual manualslib - Jun 22 2022

web jrc jue 501 instruction manual brand jrc category marine equipment size 12 12 mb pages 407

fleetbroadband fleet one firmware inmarsat corporate website - May 22 2022

web jrc jue 250 version 01 61 size 5 mb jue 500 version 11 61 size 8 mb jue 251 version 2 60 size 14 mb jue 501 version 2 60 size 14 mb satlink satlink 150

jrc jue 501 instruction manual pdf download manualslib - Sep 06 2023

web view and download jrc jue 501 instruction manual online inmarsat fleetbroadband fb500 fb250 maritime satellite communication terminal jue 501 marine equipment pdf manual download also for jue 251 inmarsat fleetbroadband fb500 inmarsat fleetbroadband fb250

jue 501 tmq - Apr 20 2022

web the jue 501 the latest generation maritime communication solution from jrc is compactly designed easy to install and puts high speed connectivity right at your fingertips

inmarsat fleetbroadband jue 501 jue 251 quick reference jrc - Jul 04 2023

web how to turn off the jue 501 jue 251 press the power switch again screen and all led lamps are cleared then operation is terminated initializing initialize apac e143 5 14 03 utc sat search registering to network apac e143 5 14 03 utc registering apac e143 5 14 03 utc cs ps ready turn on jue 501 jue 251 by pushing power switch

jrc jue 501 fleetbroadband mackay communications inc - Dec 29 2022

web the jrc jue 501 fleetbroadband is the highest performing l band satellite terminal of jrc s 2 nd generation inmarsat fleetbroadband maritime communication solution family replacing jrc s jue 500 fleetbroadband model jue 501 s new compact antenna and below deck design is easy to install with a single coax cable

jrc fb500 fb250 terminal jue 501 jue 251 new software version - Feb 16 2022

web dec 29 2014 jrc fb500 fb250 terminal jue 501 jue 251 new software version en english deutsch français español portugûês italiano român nederlands latina dansk svenska norsk magyar bahasa indonesia türkçe suomi latvian lithuanian český русский български □□□□□□ unknown

jue 501 jrc europe pdf catalogs nauticexpo - Feb 28 2023

web features features the jue 501 the latest generation maritime communication solution from jrc is compactly designed easy to install and puts high speed connectivity right at your fingertips proven antenna design our company s long experience of antenna design has ensured that the antenna is robust and easy to install

jrc lte japan radio co ltd - Apr 01 2023

web jrc lte japan radio co ltd

jrc inmarsat fleetbroadband jue 501 instruction manual - Jul 24 2022

web view online 406 pages or download pdf 11 mb jrc inmarsat fleetbroadband jue 501 instruction manual inmarsat fleetbroadband jue 501 pdf manual download and more jrc online manuals

jue 501 weight and dimensions specifications fleetbroadband - Aug 05 2023

web jue 501 transmit 1626 5 1660 5 mhz 1668 0 1675 0 mhz receive 1518 0 1559 0 mhz 4 kbps voice g3 fax streaming ip 8 16 32 64 128 256 kbps standard ip 432 kbps sms 3g up to 160 characters 54 cm flat diameter 3 axis control system gfrp enclosure 22 in 3db direction

jrc fb 500 250 terminal jue 501 jue 251 new software - Sep 25 2022

web jrc fb500 fb250 terminal jue 501 jue 251 new software version 01 65 release jrc has released new software app 01 version 65 for fleet broadband jue 501 and jue 251 mobile terminals changes from app 01 57 to 01 65 following functions have been added and improved functions added