SPECIFICATIONS

Engine model			10
Tope			(hese)
Cycle			
Number of sylinders and arrangement			titing 6 cylinders, sertical
Injection order			1-1-1-1
Starting method			Posice shift or self starter
Combussion chamber tope			Ower injection
Wire mechanism			Once drove, ONLY
Born x strake even (in.)			86.0 x 116.0 (3.868 x 4.526)
Petro deplacement as tra-mi			348-91146
Compression ratio			14.6
Сопускано ровения	- 47	3000 (30) (489) (989	
Reted output			
Maximum torque	16	m Agent (A. Allinger	\$16 (22 to 1168); 1600
to final state maximum speed. gm			
Ming wast	- qu		Set the repair manual for each model
	Compression rega		
Number of pieton rings	Ot reg		1
Intake value opening & closing timing		Open	BFDC 14"
		Cose	ABOC SET
Exhaust valve opening and closing liming		Oyuen	8800 10*
		Cose	AFDC 14"
Spolition system			Compression spritten
Injection timing			Bretano (BFDC)
Oil pump type			Trochood pump
Oil filter type			Paper Niter
Engine of amount d	A	Of part separate	43.010
- A	40	Total capacity	61 (336)

ENGINE EXTERIOR VIEWS





Toyota 2z Engine Repair Manual

S Ashworth

Toyota 2z Engine Repair Manual:

Toyota 2f Engine Repair Manual Toyota Corporation, 2006-01-01 Factory engine repair manual for the iconic 2F petrol gasoline engine as fitted to the Toyota 40 55 and 60 Series four wheel drive vehicles This repair manual has been prepared to provide information covering general repair for 2F Gasoline engine as fitted to the TOYOTA LAND CRUISER Per Toyota Motor Sales Co LTD The Toyota 2F engine was one of the F series of OHV inline 6 cylinder engines produced by Toyota between 1955 1992 F Series engines are known for their high amount of torque at low RPM massive cast iron blocks and heads and also their high reliability The 2F Engine had one of the longest production runs of any Toyota engine The F Series engines all incorporate overhead valves actuated by pushrods from a gear driven camshaft in the lower portion of the engine The engine was first introduced in the Toyota FJ40 Land Cruiser and in many countries was the only gasoline engine offered in the Landcruiser until 1993 Although it's commonly badged as the Land Cruiser engine it was used in a variety of other large truck applications as well such as in fire trucks and the Toyota FQ15 trucks It was also used in the Crown based Japanese Police Patrol Cars FH26 and FS20 FS50 Toyota T & 2T Engine Repair Manual Toyota Jidosha Hanbai Kabushiki Kaisha. Export-Technical Division, 1971 D.2D Engine Repair Manual Motor Sales Co Toyota, 19?? Toyota K Series Engine Repair Manual Includes 2K, 3K-B, 3K-C, 3K-H,4K-I. Toyota Motor Sales Co. Ltd,1978 Toyota B & 2B Engine ,1979 Toyota Engine Repair Manual, A Series Toyota Jidosha Hanbai Kabushiki Kaisha, 1979 **Toyota 3F Engine** T & 2T Engine Repair Manual Toyota Jidōsha Hanbai Kabushiki Kaisha. Export-Technical Repair Manual ,1989 D.2D Engine Repair Manual, 1966 Toyota K Series Engine Repair Manual Toyota Jidōsha Department.1972 Hanbai Kabushiki Kaisha. Export-Technical Department, 1978 Toyota T and 2T Engine Repair Manual Toyota Jidosha Hanbai Kabushiki Kaisha. Export-Technical Department, 1977 Toyota B & 2B Engine Repair Manual ,1977 **Toyota Toyota B and 2B Engine Repair Manual**,1975 A Series Engine Repair Manual, Toyota T & 2T engine repair manual, 1970-1979, Toyota 2F Motor Sales Co Toyota, Toyota T Series Engine Repair Manual ,1988 Toyota Engine Repair Manual Toyota Jidosha Hanbai Kabushiki Kaisha. Export-Technical Department. Haruhi Center, 1977 Toyota L Engine Repair Manual Toyota Jidosha Hanbai Kabushiki Kaisha,1980 Toyota Engine Repair Manual, 8R-C, 18R-C Toyota Motor Sales, U.S.A., Inc,1972

Yeah, reviewing a books **Toyota 2z Engine Repair Manual** could go to your near connections listings. This is just one of the solutions for you to be successful. As understood, capability does not recommend that you have wonderful points.

Comprehending as competently as deal even more than supplementary will offer each success. adjacent to, the publication as skillfully as perception of this Toyota 2z Engine Repair Manual can be taken as without difficulty as picked to act.

https://ftp.barnabastoday.com/public/publication/fetch.php/user manual nissan micra.pdf

Table of Contents Toyota 2z Engine Repair Manual

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

- Toyota 2z Engine Repair Manual Budget-Friendly Options
- 6. Navigating Toyota 2z Engine Repair Manual eBook Formats
 - ∘ ePub, PDF, MOBI, and More
 - Toyota 2z Engine Repair Manual Compatibility with Devices
 - o Toyota 2z Engine Repair Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Toyota 2z Engine Repair Manual
 - Highlighting and Note-Taking Toyota 2z Engine Repair Manual
 - Interactive Elements Toyota 2z Engine Repair Manual
- 8. Staying Engaged with Toyota 2z Engine Repair Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Toyota 2z Engine Repair Manual
- 9. Balancing eBooks and Physical Books Toyota 2z Engine Repair Manual
 - Benefits of a Digital Library
 - o Creating a Diverse Reading Collection Toyota 2z Engine Repair Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Toyota 2z Engine Repair Manual
 - Setting Reading Goals Toyota 2z Engine Repair Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Toyota 2z Engine Repair Manual
 - Fact-Checking eBook Content of Toyota 2z Engine Repair 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

Toyota 2z Engine Repair Manual Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Toyota 2z Engine Repair Manual free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Toyota 2z Engine Repair Manual free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Toyota 2z Engine Repair Manual free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Toyota 2z Engine Repair Manual. In conclusion, the

internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Toyota 2z Engine Repair Manual any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Toyota 2z Engine Repair Manual Books

What is a Toyota 2z Engine Repair Manual PDF? A PDF (Portable Document Format) is a file format developed by Adobe that preserves the layout and formatting of a document, regardless of the software, hardware, or operating system used to view or print it. How do I create a Toyota 2z Engine Repair Manual PDF? There are several ways to create a PDF: Use software like Adobe Acrobat, Microsoft Word, or Google Docs, which often have built-in PDF creation tools. Print to PDF: Many applications and operating systems have a "Print to PDF" option that allows you to save a document as a PDF file instead of printing it on paper. Online converters: There are various online tools that can convert different file types to PDF. How do I edit a Toyota 2z Engine Repair Manual PDF? Editing a PDF can be done with software like Adobe Acrobat, which allows direct editing of text, images, and other elements within the PDF. Some free tools, like PDFescape or Smallpdf, also offer basic editing capabilities. How do I convert a Toyota 2z Engine Repair Manual PDF to another file format? There are multiple ways to convert a PDF to another format: Use online converters like Smallpdf, Zamzar, or Adobe Acrobats export feature to convert PDFs to formats like Word, Excel, JPEG, etc. Software like Adobe Acrobat, Microsoft Word, or other PDF editors may have options to export or save PDFs in different formats. How do I password-protect a Toyota 2z Engine **Repair Manual PDF?** Most PDF editing software allows you to add password protection. In Adobe Acrobat, for instance, you can go to "File" -> "Properties" -> "Security" to set a password to restrict access or editing capabilities. Are there any free alternatives to Adobe Acrobat for working with PDFs? Yes, there are many free alternatives for working with PDFs, such as: LibreOffice: Offers PDF editing features. PDFsam: Allows splitting, merging, and editing PDFs. Foxit Reader: Provides basic PDF viewing and editing capabilities. How do I compress a PDF file? You can use online tools like Smallpdf, ILovePDF, or desktop software like Adobe Acrobat to compress PDF files without significant quality loss. Compression reduces the file size, making it easier to share and download. Can I fill out forms in a PDF file? Yes, most PDF viewers/editors like Adobe Acrobat, Preview (on Mac), or various online tools allow you to fill out forms in PDF files by selecting text fields and entering information. Are there any restrictions when working with PDFs? Some PDFs might have restrictions set by their creator, such as password protection, editing restrictions, or print restrictions. Breaking these restrictions might require specific

software or tools, which may or may not be legal depending on the circumstances and local laws.

Find Toyota 2z Engine Repair Manual:

user manual nissan micra

user manual for p6200

user manual tissue tek embedding center

user guide mini cooper

user manual of motorola moto g

using excel for windows 95

user manual for hp 20s calculator

used toyota tacoma manual 4x4

user manual for stentofon

using the standards problem solving grade k the 100 seriestm

usps exam study guide 642

user manual mazda mpv

used honda insight manual transmission

used car buying guide 2005 consumer reports used car buying guide

usbekistan tischkalender faszinierende architektur monatskalender

Toyota 2z Engine Repair Manual:

python for tweens and teens by aristides s bouras open library - Dec 05 2022

web feb 10 2023 details reviews lists related books last edited by importbot february 10 2023 history edit an edition of python for tweens and teens 2017 python for tweens and teens learn computational and algorithmic thinking black white edition by aristides s bouras 3 00 1 rating 1 want to read 0 currently reading 1

python for tweens and teens 2nd edition black white - Apr 09 2023

web python for tweens and teens 2nd edition black white version learn computational and algorithmic thinking bouras aristides 9798411806373 books amazon ca

pdf epub python for tweens and teens black white free - Sep 02 2022

web title python for tweens and teens black white edition learn computational and algorithmic thinking rating 4 5 from 5

stars 59 reviews isbn 10 1546611215 isbn 13 9781546611219 languange english format ebook pdf epub kindle audio html and mobi supported devices android ios pc and amazon kindle what do i get

python for tweens and teens 2nd edition black white - May 10 2023

web buy python for tweens and teens 2nd edition black white version learn computational and algorithmic thinking by bouras aristides isbn 9798411806373 from amazon s book store everyday low prices and free delivery on eligible orders python for tweens and teens 2nd edition black white - Aug 13 2023

web feb 28 2022 python for tweens and teens 2nd edition black white version learn computational and algorithmic thinking paperback february 28 2022 by aristides bouras author 4 5 out of 5 stars 62 ratings

python for tweens and teens black white edition learn - Oct 03 2022

web buy python for tweens and teens black white edition learn computational and algorithmic thinking online on amazon eg at best prices fast and free shipping free returns cash on delivery available on eligible purchase python for tweens and teens black white edition learn - Mar 08 2023

web may 11 2017 buy python for tweens and teens black white edition learn computational and algorithmic thinking by bouras aristides s ainarozidou loukia v isbn 9781546611219 from amazon s book store everyday low prices and free delivery on eligible orders

amazon com customer reviews python for tweens and teens black - Jan 06 2023

web find helpful customer reviews and review ratings for python for tweens and teens black white edition learn computational and algorithmic thinking at amazon com read honest and unbiased product reviews from our users download free python for tweens and teens black amp amp white - Jun 30 2022

web download python for tweens and teens black white edition learn computational and algorithmic thinking ebook read online download greatebook club book 1546611215 pdf download python for tweens and teens black white edition learn computational and algorithmic thinking read ebook

python for tweens and teens black white edition learn - Jul 12 2023

web may 1 2017 this book teaches computational and algorithmic thinking by taking very seriously one thing for grantedthat the reader knows absolutely nothing about computer programming python is unquestionably a very popular programming language and this book can help you enter the programming world with python

python for tweens and teens black white edition learn - Sep 14 2023

web may 11 2017 python for tweens and teens black white edition learn computational and algorithmic thinking bouras aristides s ainarozidou loukia v 9781546611219 amazon com books books python for teenagers simplified free classes games create - May 30 2022

web sep 30 2022 best python classes for teenagers the best python courses for teenagers are a good mix of independent work with teacher interaction and they have curriculums designed by experts from the technology field so that the skills students learn are applicable to the real world

python for tweens and teens black white edition learn - Feb 07 2023

web may 11 2017 python for tweens and teens black white edition learn computational and algorithmic thinking by bouras aristides s ainarozidou loukia v click here for the lowest price paperback 9781546611219 1546611215

python for tweens and teens black white singapore ubuy - Jun 11 2023

web shop python for tweens and teens black white edition learn computational and algorithmic thinking online at a best price in singapore get special offers deals discounts fast delivery options on international shipping with

python for tweens and teens 2nd edition black white - Oct 15 2023

web python for tweens and teens 2nd edition black white version learn computational and algorithmic thinking bouras aristides amazon sg books

welcome to python org - Apr 28 2022

web the core of extensible programming is defining functions python allows mandatory and optional arguments keyword arguments and even arbitrary argument lists more about defining functions in python 3 python is a programming language that lets you work quickly and integrate systems more effectively learn more

python for tweens and teens second edition aristides s - Nov 04 2022

web students teachers anyone who wants to start learning or teaching computer programming using the proper conventions and techniques paperback full color version paperback black white version kindle material about this book book s table of contents the answers to the review questions and the solutions to the review exercises

python for tweens and teens black white edition l pdf - Mar 28 2022

web you could buy guide python for tweens and teens black white edition l or acquire it as soon as feasible you could speedily download this python for tweens and teens black white edition l after getting deal

download python python org - Feb 24 2022

web installer packages for python on macos downloadable from python org are signed with with an apple developer id installer certificate as of python 3 11 4 and 3 12 0b1 2023 05 23 release installer packages are signed with certificates issued to the python software foundation apple developer id bmm5u3qvkw

fun python coding classes for kids teens ages 11 18 codewizardshq - Aug 01 2022

web online python classes for kids codewizardshq delivers the most fun and effective live online python coding classes for kids and teens ages 8 18 students attend weekly live teacher led python coding classes from the convenience of your home

both our middle school and high school coding programs start with an introduction to coding for kids naked bikinis taking over sexy summer as hottest trend - Mar 06 2023

web jun 15 2023 naked bikinis taking over sexy summer as hottest trend by brooke kato published june 15 2023 updated june 15 2023 4 19 p m et 0 of 35 secondsvolume 0 00 03 00 35 hot girl summer just got

nina agdal poses completely naked in new instagram photo - Aug 11 2023

web apr 27 2018 nina agdal and nudity are a match made in heaven on thursday the six time sports illustrated swimsuit posted a steamy snap of herself lying in bed totally naked aside from a pair of strappy

sexy girls in bikinis hot bikini girls pics thechive - Jan 04 2023

web sexy girls in bikinis check out some of the hottest bikini girls on the web we pick the sexiest bikini pics and the most beautiful women in tiny bikinis view now

bikini models wicked weasel - Jun 09 2023

web check out the wicked weasel models in the most amazing bikinis lingerie and outerwear a girl can dream of having find one you like and dress like her here

hot girls pictures and videos hot women 2021 the village voice - Jul 10 2023

web feb 3 2022 we have searched all over the internet and have found some of the hottest girls and compiled a list most of these models are instagram models with onlyfans profiles and these are the best

seductive woman photos download the best free seductive - Sep 12 2023

web download and use 500 000 seductive woman stock photos for free thousands of new images every day completely free to use high quality videos and images from pexels

hot babe images browse 286 726 stock photos vectors and - Oct 13 2023

web 286 537 results for hot babe in all view hot babe in videos $15454\ 00\ 16\ 4k$ hd $00\ 18\ 4k$ hd $00\ 20\ 4k$ hd $00\ 19$ hd $00\ 15\ 4k$ hd $00\ 16\ 4k$ hd $00\ 17\ 4k$ hd $00\ 09$ hd $00\ 11$ hd $00\ 29$ hd of 100 pages try also hot babe in images hot babe in videos hot babe in templates hot babe

30 000 free beautiful woman girl images pixabay - Apr 07 2023

web 39 343 free images of beautiful woman beautiful woman images for free download browse or use the filters to find your next picture for your project find images of beautiful woman royalty free no attribution required high quality images

hotgirls photos on flickr flickr - Feb 05 2023

web view all all photos tagged hotgirls eu cosmopolitan camish cosmopolitan e tatoca beautifulgirlspics com chinese sexy girl yu wen qin hot photos i miss you smartaa com chinese girl miss chin super sexy photos hot lady crossed her legs in front of me in metro

seductive woman videos download the best free 4k stock - May 08 2023

web download and use 127 532 seductive woman stock videos for free thousands of new 4k videos every day completely free to use high quality hd videos and clips from pexels

los enemigos del comercio pack una historia moral de - Jun 12 2023

web nov 29 2016 los enemigos del comercio pack una historia moral de la propiedad i ii y iii espasa forum spanish edition kindle edition by escohotado antonio

los enemigos del comercio i espasa forum spanish edition - Sep 03 2022

web publica libro los enemigos del comercio i espasa forum descargar libros clasicos gratis en español los enemigos del comercio i espasa forum libros gratis para

amazon es opiniones de clientes los enemigos del comercio i - Mar 09 2023

web los enemigos del comercio i espasa forum escohotado antonio amazon es libros

los enemigos del comercio i espasa forum - May 11 2023

web este análisis supone compartir con el lector una larga peripecia donde algo que ayuda a entender nuestros orígenes tiene también el color insuperable de lo real los enemigos

los enemigos del comercio i 1 espasa forum escohotado - Dec 26 2021

web vea reseñas y calificaciones de reseñas que otros clientes han escrito de los enemigos del comercio i espasa forum en amazon com lea reseñas de productos sinceras

descargar los enemigos del comercio pack una historia moral - Apr 29 2022

web bajar libros gratis los enemigos del comercio i espasa forum descarga de libros en español gratis los enemigos del comercio i espasa for

los enemigos del comercio i espasa forum amazon es - Aug 14 2023

web historia general de las drogas incluyendo el apéndice fenomenología de las drogas 1999 espasa calpe caos y orden 1999 premio espasa de ensayo 1999 sesenta

los enemigos del comercio i espasa forum blogger - Aug 02 2022

web jun 13 2023 trilogía los enemigos del comercio escohotado espasa forum año de edición 2019 materia historia isbn 978 84 670 5762 1 páginas 2056 sinopsis la trilogía

los enemigos del comercio pack una historia moral de - Dec 06 2022

web reseña del editor la edición puede variar desde la 1ª ed hasta la 7ª ed pero el contenido es lo mismo la aparición de la sociedad de consumo es un hecho muy reciente

los enemigos del comercio pack planetadelibros - Jul 13 2023

web este pack contiene la obra magna de antonio escohotado sobre el comunismo los enemigos del comercio i la aparición de la sociedad de consumo es un hecho muy

los enemigos del comercio pack una historia moral de la - Oct 04 2022

web read the latest magazines about los enemigos del comercio i espasa forum spanish edition and discover los enemigos del comercio i 1 espasa forum tapa dura - Apr 10 2023

web vea reseñas y calificaciones de reseñas que otros clientes han escrito de los enemigos del comercio i espasa forum en amazon com lea reseñas de productos sinceras

los enemigos del comercio i espasa forum traetulibro cl - Nov 05 2022

web los enemigos del comercio pack una historia moral de la propiedad i ii y iii espasa forum ebook escohotado antonio amazon es libros

los enemigos del comercio i espasa forum ftp bonide - Feb 25 2022

web los enemigos del comercio i espasa forum escohotado antonio amazon es libros

los enemigos del comercio i espasa forum abebooks - Jan 07 2023

web los enemigos del comercio pack una historia moral de la propiedad i ii y iii espasa forum spanish edition edición kindle edición en español de antonio escohotado

los enemigos del comercio i espasa forum by antonio - Jul 01 2022

web los enemigos del comercio i espasa forum antonio escohotado de sociedad y ciencias sociales formato audiolibro completo audiobook en castellano se

audiolibro los enemigos del comercio i espasa forum - May 31 2022

web oct 27 2021 la conjura libros te permite descargar libros completos epub y pdf encuentra los enemigos del comercio pack una historia moral de la propiedad i ii y

los enemigos del comercio i espasa forum escohotado - Feb 08 2023

web los enemigos del comercio i espasa forum von escohotado antonio bei abebooks de isbn 10 8467029773 isbn 13 9788467029772 espasa 2008

amazon es opiniones de clientes los enemigos del comercio i - Nov 24 2021

los enemigos del comercio i espasa forum escohotado - Jan 27 2022

web los enemigos del comercio i 1 espasa forum escohotado antonio amazon es libros

los enemigos del comercio i espasa forum - Mar 29 2022

web los enemigos del comercio i espasa forum los enemigos del comercio iii forging glory embassy to tamerlane 1403 1406

mexico s indigenous past leviatán mi ibiza