

7 Zx6r Manual

Thank you completely much for downloading **7 Zx6r Manual**.Most likely you have knowledge that, people have look numerous time for their favorite books once this 7 Zx6r Manual, but stop occurring in harmful downloads.

Rather than enjoying a good ebook past a mug of coffee in the afternoon, otherwise they juggled taking into consideration some harmful virus inside their computer. **7 Zx6r Manual** is open in our digital library an online right of entry to it is set as public in view of that you can download it instantly. Our digital library saves in complex countries, allowing you to get the most less latency time to download any of our books in the same way as this one. Merely said, the 7 Zx6r Manual is universally compatible bearing in mind any devices to read.

Introduction to Radar Using Python and MATLAB

Lee Andrew (Andy) Harrison 2019-10-31 This comprehensive resource provides readers with the tools necessary to perform analysis of various waveforms for use in radar systems. It provides information about how to produce synthetic aperture (SAR) images by giving a tomographic formulation and implementation for SAR imaging. Tracking filter fundamentals, and each parameter associated with the filter and how each affects tracking performance are also presented. Various radar cross section measurement techniques are covered, along with waveform selection analysis through the study of the ambiguity function for each particular waveform from simple linear frequency modulation (LFM) waveforms to more complicated coded waveforms. The text includes the Python tool suite, which allows the reader to analyze and predict radar performance for various scenarios and applications. Also provided are MATLAB® scripts corresponding to the Python tools. The software includes a user-friendly graphical user interface (GUI) that provides visualizations of the concepts being covered. Users have full access to both the Python and MATLAB source code to modify for their application. With examples using the tool suite are given at the end of each chapter, this text gives readers a clear understanding of how important target scattering is in areas of target detection, target tracking, pulse integration, and target discrimination.

X-15 Dennis R. Jenkins 2007 1. A new science / 2. A hypersonic research airplane / 3. Conflict and innovation / 4. The million-horsepower engine / 5. High range and dry lakes / 6. Preparations / 7. The flight program / 8. The research program.

Interactive Computer Graphics Edward Angel 2014 Interactive Computer Graphics with WebGL, Seventh Edition, is suitable for undergraduate students in computer science and engineering, for students in other disciplines who have good programming skills, and for professionals interested in computer animation and graphics using the latest version of WebGL. ÿ Computer animation and graphics are now prevalent in everyday life from the computer screen, to the movie screen, to the smart phone screen. The growing excitement about WebGL applications and their ability to integrate HTML5, inspired the authors to exclusively use WebGL in the Seventh Edition of Interactive Computer Graphics with WebGL.Thisis the only introduction to computer graphics text for undergraduates that fully integrates WebGL and emphasizes application-based programming. The top-down, programming-oriented approach allows for coverage of engaging 3D material early in the course so students immediately begin to create their own 3D graphics. ÿ Teaching and Learning Experience This program will provide a better teaching and learning experience-for you and your students. It will help: Engage Students Immediately with 3D Material: A top-down, programming-oriented approach allows for coverage of engaging 3D material early in the course so students immediately begin to create their own graphics. Introduce Computer Graphics Programming with WebGL and JavaScript: WebGL is not only fully shader-based-each application must provide at least a vertex shader and a fragment shader-but also a version that works within the latest web browsers.

Money Yuval Noah Harari 2018-04-05 Selected from the books Sapiens and Homo Deus by Yuval Noah Harari How did money come to be invented? Why does it now have such significance in our lives? Does it make us happier or unhappier? And what does the future hold for it? With brilliant clarity and insight, Yuval Noah Harari takes the reader on a journey from the very first coins through to 21st century economics and shows us how we are all on the brink of a revolution, whether we like it or not. VINTAGE MINIS: GREAT MINDS. BIG IDEAS. LITTLE BOOKS. A series of short books by the world’s greatest writers on the experiences that make us human Also in the Vintage Minis series: Home by Salman Rushdie Babies by Anne Enright Eating by Nigella Lawson Drinking by John Cheever **Never Far Away** Michelle Rodriguez 2013-11-01 Never Far Away is a short story and resource for the parent who has a child that doesn't like to separate from them when time for school or work. It has illustrative pictures and content for the parent and child to interact before they go about their day.

Honda CRF1000L Africa Twin from 2016-2019 Haynes Repair Manual Editors of Haynes Manuals 2019-05-28 With a Haynes manual, you can do-it-yourself...from simple maintenance to basic repairs. Haynes writes every book based on a complete teardown of the vehicle, where we learn the best ways to do a job and that makes it quicker, easier and cheaper for you. Haynes books have clear instructions and hundreds of photographs that show each step. Whether you are a beginner or a pro, you can save big with a Haynes manual! This manual features complete coverage for your Honda CRF1000L Africa Twin built between 2016 and 2019, covering: routine maintenance, tune-up procedures, engine repair, cooling and heating, air conditioning, fuel and exhaust, emissions control, ignition, brakes, suspension and steering, electrical systems, and wiring diagrams. The specific CRF1000L models covered by this manual include: CRF1000A, 2016-2019 CRF1000D (DCT), 2016-2019 CRF1000A2 Adventure Sport, 2018-2019 CRF1000D2 (DCT) Adventure Sport, 2018-2019

The Technical Pen Gary Simmons 2014-04 The Technical Pen features over 300 illustrations, including 34 full-color images in the hardcover edition (paperback edition is in gray scale). Although originally designed for architects and engineers, a technical pen is an ideal tool for fine artists, illustrators, and graphic artists. Whether you want loose gestural sketching or tight, deliberate renderings, a technical pen moves smoothly and easily over the paper's surface. It offers a precise and predictable line quality that can't be matched by any other type of pen. Gary Simmons, renowned teacher of pen-and-ink techniques, covers every aspect of working with the technical pen, beginning with a thorough explanation of its anatomy, operation, and care. He also includes troubleshooting tips as well as advice on choosing appropriate nib widths, inks, and drawing surfaces. Simmons demonstrates how to achieve the wide variety of strokes and stroke patterns that the technical pen makes possible--including continuous parallel lines, crosshatching, stippling, and more--and explores, through copious illustrations, the different effects various techniques have on their own and in combination with other approaches. Simmons shows how to put the pen strokes to work through step-by-step demonstrations that illustrate the ins and outs of expert level image construction, from initial pencil sketch through final inking. He explains the fundamentals of form, tone, texture, and "color" in drawings, and how to make sure that the pen strokes do what you really want them to do. For instance, perhaps you've added a layer of hatched lines over a bird's feathers to create a shadow effect, only to discover that you've obscured their texture, or maybe one area of your drawing has become too dark. Gary Simmons addresses these and other common obstacles of mastering the medium and explains how you can avoid and solve them. Gary Simmons has been working with pen and ink and the technical pen for over forty years. Simmons has conducted pen-and-ink drawing workshops nationally for Koh-I-Noor, and he teaches fine arts at Henderson State University in Arkadelphia, Arkansas.

Race Tech's Motorcycle Suspension Bible Paul Thede 2010-06-19 Suspension is probably the most misunderstood aspect of motorcycle performance. This book, by America’s premier suspension specialist, makes the art and science of suspension tuning accessible to professional and backyard motorcycle mechanics alike. Based on Paul Thede’s wildly popular Race Tech Suspension Seminars, this step-by-step guide shows anyone how to make their bike, or their kid’s, handle like a pro’s. Thede gives a clear account of the three forces of suspension that you must understand to make accurate assessments of your suspension’s condition. He outlines testing procedures that will help you gauge how well you’re improving your suspension, along with your riding. And, if you’re inclined to perfect your bike’s handling, he even explains the black art of chassis geometry. Finally, step-by-step photos of suspension disassembly and assembly help you rebuild your forks and shocks for optimum performance. The book even provides detailed troubleshooting guides for dirt, street, and supermoto--promising a solution to virtually any handling problem.

The Four Stroke Dirt Bike Engine Building Handbook Paul Olesen 2015

Harley-Davidson FXD/FLD Dyna Series 2012-2017 Editors of Clymer Manuals 2018-05-01 Each Clymer manual provides specific and detailed instructions for performing everything from basic maintenance and troubleshooting to a complete overhaul of the machine. This manual covers the Harley Davidson FXD/FLD Dyna Series built from 2012 to 20173. Do-it-yourselfers will find this service and repair manual more comprehensive than the factory manual, making it an indispensable part of their tool box. Specific models covered include: FXDB Street Bob (2012-2017), FXDB 103 Street Bob (2014-2017), FXDBA Street Bob (2013 Factory Custom), FXDBA 103 Street Bob (2013 Factory Custom), FXDBB 103 Street Bob (2014 Factory Custom, 2015-2016 Limited), FXDBC Street Bob (2016 Limited), FXDBC 103 Street Bob (2016 Limited), FXDBP 103 Street Bob (2013-2016 Factory Custom), FXDC Super Glide Custom (2012-2014), FXDC 103 Super Glide Custom 110th Anniversary (2013), FXDC Super Glide Custom (2014), FXDF Fat Bob (2012-2017), FXDF 103 Fat Bob (2012-2017), FXDL Low Rider (2013-2017), FXDL 103 Low Rider (2014-2017), FXDLS Low Rider S (2017), FXDWG Wide Glide (2012-2017), FXDWG 103 Wide Glide (2012-2017), FLD Switchback (2012-2016), and FLD 103 Switchback (2012-2016).

National Agricultural Library Catalog, 1966-1970: Subjects National Agricultural Library (U.S.) 1973

TWO AND THREE WHEELER TECHNOLOGY DHURUV U. PANCHAL 2015-08-20 The inclination towards two wheelers is not newer to the world. From the very beginning, two wheelers are recognized as a mark of triumph, independence and joy. These are considered fast, safe and easy mode of transportation with worthy fuel economy. With the arrival of automation and electronics in two wheelers, the study gained more momentum, which led Two and Three Wheeler Technology to emerge as a new discipline of automobile engineering. The book explains traditional and modern technologies in an easy to understand manner. Various technologies have been explicated with appropriate 2D and 3D diagrams to support learning. Text comprises the state-of-the-art developments in the field of two wheelers. Detailed explanation on the actual assemblies helps the students to cognize the technology systematically. Although the emphasis has been given to the two wheeler technology, considering the requirement of various syllabi, the last chapter is solely dedicated to three wheeler technology. Chapter-end review questions help students in preparing them for examination by self-assessment method. Primarily designed for the undergraduate and diploma students of automobile engineering, the lucid and simple presentation of the book makes it useful for the commoner, who has keen interest in this area. It is a useful guide for a vehicle owner for understanding mechanism and parts, which may help him in maintaining his vehicle at best efficiency.

Motorcycle Fuel Systems TechBook John Robinson 2015-09-01 Motorcycle fuel systems made easy: -- How fuel systems work and are tuned to suit all engine conditions -- Clearly captioned step-by-step pictures show precisely how to perform many tasks --The author, John Robinson, has spent most of his life around bikes: testing, racing, tuning, talking to people who design/develop them and, of course, writing about them --Gas flow --Fuel and combustion chemistry --Carburetor construction and overhaul --Fuel injection theory, adjustments and settings --Fuel pumps, sensors, catalytic converters --Intake and exhaust systems --Variable geometry --Turbochargers and superchargers --Special fuels --Fault finding --Testing and tuning --Glossary of technical terms

Riding in the Zone Ken Condon 2019-10-15 Riding motorcycles is fun, but author Ken Condon maintains that there is a state of consciousness to be achieved beyond the simple pleasure of riding down the road. Riding in the Zone helps riders find that state of being. It's the experience of being physically and mentally present in the moment, where every sense is sharply attuned to the ride. Your mind becomes silent to the chatter of daily life, and everyday problems seem to dissolve. You feel a deeper appreciation for life. Your body responds to this state of being with precise, fluid movements, you feel in balance, your muscles are relaxed, and it seems as though every input you make is an expression of mastery. This is "the Zone." Condon identifies all of the factors that affect entering the Zone and addresses each one individually, from the development of awareness and mental skills to mastering physical control of the motorcycle. At the end of each chapter are drills designed to transform the book's ideas into solid, practical riding skills. Riding in the Zone takes riders to the next level in their skill set.

Kawasaki KX250 1992-2000 Penton Staff 2000-05-24 *Kawasaki KX250 1992-2000*

Kawasaki Ninja 250R 1988-2012 Penton Staff 2000-05-24 *EX250 (1988-2012)*

Practical Motorsport Engineering Andrew Livesey 2018-12-07 This guide and textbook on motorsport engineering is written from a practical point of view. It offers a wide-ranging insight into the nuts and bolts technology of practical car racing from saloons and sports cars to open wheelers. It gives the aspiring race engineer the tools to do the job by explaining all aspects of race car technology and offering crucial insight into the essentials of the motorsport engineering industry. For motorsport engineering students at all levels, this book particularly covers the examination syllabuses for IMI (the

Institute of the Motor Industry), EAL and BTEC, and meets the CPD requirements of most engineering institutions. Each aspect of the race car is covered in a separate chapter with test questions and suggestions for further study at the end. Combining the key points from his previous publications Basic Motorsport Engineering and Advanced Motorsport Engineering, the author draws on a career in teaching and industry to create the must-have, all-in-one reference. It is an ideal companion for the practising owner, driver or race engineer (whether amateur or professional), a suitable introductory text for HND and degree students and a great point of reference for any other keen fans with an interest in motorsport.

Tuning for Speed P. E. Irving 2015-11-27 294 pages, 130 black & white illustrations, size 5.5 x 8.5 inches. In 1963, Temple Press UK published a revised and expanded 4th UK edition of 'Tuning for Speed' and, in 1965, they published a reprint of that 1963 edition. Both the 1963 and the 1965 publications are identical in content and contain 294 pages, a significant increase from the previous 208 page 1960 printing. With a total of 294 pages, the revised and expanded 4th UK edition is the most comprehensive of all of the 'Tuning for Speed' editions ever published. Earlier editions only stretched to 208 pages and later editions shrunk to 260 pages (or less) as what was thought to be 'dated information' was deleted from the contents. This 'dated information' is considered valuable today by those enthusiasts interested in vintage motorcycle tuning and modification. Consequently, this makes the revised 4th UK publication the most complete and desirable edition. Therefore, it is our pleasure to offer this reprint of the Floyd Clymer 'Revised 4th UK Edition or Second American Edition of 'Tuning for Speed' to motorcycle enthusiasts worldwide. 'Tuning for Speed' was originally published in 1948 and continuously reprinted and updated in order to keep pace with the constantly evolving range of British motorcycles and engines. While the primary focus of this publication is on 1965 and prior British motorcycles, the theory and engineering it contains is still applicable to the current crop of high revving imports. 'Tuning for Speed' is considered by many knowledgeable motorcycle enthusiasts to be one of the best books ever written on how to improve, modify and fine tune a motorcycle engine and it is often referred to as one of the 'top 10' classic motorcycle books. The Floyd Clymer association with this publication dates back to the early 1960's when he purchased the United States Publishing rights for 'Tuning for Speed' from Temple Press in the UK and, in 1967, Clymer published the 1st American edition of that title. However, by 1967, the Clymer publication had been preceded by 8 printings of the UK edition and was incorrectly identified by Clymer as a 9th edition. In fact, the 1967 Clymer publication is actually a reprint of the less desirable 208 page 1960 UK edition. However, in 1963, the 4th UK edition was revised and expanded to 294 pages (with a second identical re-print in 1965). Therefore, this 2nd American edition of the Floyd Clymer publication of 'Tuning for Speed' includes all of that valuable 'dated information' that was deleted from the later editions and is identical in all respects to the 294 page1963/1965 revised and expanded 4th UK edition - with the exception that 7 pages of UK-based advertising to the rear of the book are not included in the Clymer publication.

The Ultimate Air Force Basic Training Guidebook Nicholas Van Wormer 2010-11-15 Air Force basic training is now more challenging than ever, both mentally and physically. In the past few years the Air Force has redesigned its basic military training requirements to prepare airmen for the ever-changing role the Air Force is now engaged in around the world in today’s War on Terror. The Ultimate Guide to Air Force Basic Training shows you, step by step, how to survive and thrive in today’s basic training program. Beginning with the recruiting process and taking you all the way through basic training graduation day, this book answers all your questions and will help alleviate your fears and concerns as you enter this new and exciting period of your life. Senior Airman Nicholas Van Wormer’s book is a fresh and updated insider’s view of what you will encounter and how to perform to graduate at the top of your class. It also includes interviews with recent basic training graduates, recruiters, and even military training instructors to better provide you with the most detailed guide to Air Force basic training ever published. Whether you are getting ready to ship out to basic training or just looking into the different military options available to you, The Ultimate Guide to Air Force Basic Training is an invaluable tool that will help guide you through an otherwise daunting and difficult process.

The Amish Quiltmaker's Unruly In-Law Jennifer Beckstrand 2021-06-29 Moving to a new Amish settlement in small-town Colorado was a brave new start for independent-minded quiltmaker Esther Kiem. But helping her reckless relative will really put her special matchmaking skills to the test . . . Mischievous and rebellious, young Ben Kiem is making the wrong kind of name for himself throughout the town of Byler. And even though his sister-in-law, Esther, somehow coaxes him into keeping company with sensible Linda Eicher, Ben can’t see anything they have in common. Or that he could ever be good enough for someone like her. But Linda’s down-to-earth nature and unexpected understanding have Ben trying his best to be better, no matter how challenging . . . Linda couldn’t be more surprised when Ben turns out to be caring and helpful, despite his rowdy pranks and bad-news friends. And falling in love with him suddenly seems just right. But when a heartbreaking misunderstanding comes between them, both she and Ben must risk enough to trust, stitch the pieces back together—and dare a forever precious happiness. Praise for Jennifer Beckstrand and Abraham “This is an endearing romance that fans of Wanda Brunstetter will love.” —Publishers Weekly

The Grace Walk Experience Steve McVey 2008-03-01 For years, Steve McVey’s Grace Walk (more than 200,000 copies sold) has inspired Christians to leave behind a performance and fear-based faith to embrace a faith lived in abundance and grace. Now The Grace Walk Experience workbook helps readers move that message of hope from their heads to their hearts as they explore eight truths that have changed lives worldwide daily, interactive studies that reveal grace as much more than a doctrine ways to quit "doing" for God so that He can live through them illustrations of the wonder and miracle of faith as God intended God’s Word, salvation, and evangelism with new perspective This excellent tool for church classes, small group discussion, and individual study will lead believers to understand their identity in Christ, let go of legalism, and make room for the overflowing love, mercy, and purpose of life lived wholly in God’s grace.

Tech Manual for SPSS, Excel and SAS for Marketing Research Naresh K. Malhotra 2009-08-26

Harley Davidson FXD Twin Cam 88 1999-2005 Penton Staff 2000-05-24 FXD/FXDI Dyna Super Glide (1999-2005), FXDX/FXD XI Dyna Super Glide Sport (1999-2005), FXDL/FXD LI Dyna Low Rider (1999-2005), FXDS-CONV Dyna Super Glide Convertible (1999-2000), FXDWG/FXD WGI Dyna Wide Glide (1999-2005), FXDXT Dyna Super Glide T-Sport (2001

WALNECK'S CLASSIC CYCLE TRADER, SEPTEMBER 2001 Causey Enterprises, LLC

BMW Motorcycles Darwin Holmstrom and Brian J. Nelson

Yamaha YZF-R1 1998-2003 Penton Staff 2000-05-24 Yamaha YZF-R1 1998-2003

Bibliografía española 2001-06

Motorcycle Electrical Manual Tony Tranter 1999-03-21 (3rd Edition) Motorcycle electrical systems made easy: • All motorcycle electrical equipment fully explained • Clearly captioned step-by-step pictures show precisely how to perform many tasks • Aimed at anyone from the professional mechanic to the home DIYer to the Motorcycle • Engineering student • Over 600 illustrations • Ignition and combustion explained • Spark plug types and construction • Ignition: Magnetos, coil and battery, CDI, transistor and digital • Fuel injection and engine management • Alternators, DC generators and starters • Batteries • Lighting and signaling • Braking and traction control systems • Electrical fault finding • Practical testing and test equipment

The Digitalization of the 21st Century Supply Chain Stuart M. Rosenberg 2020-11-09 The goal of this book is to gain a clear picture of the current status and future challenges with regard to the digitalization of the supply chain – from the perspective of the suppliers, the manufacturers, and the customers. They were the target groups of the book. Digitization has touched upon all aspects of businesses, including supply chains. Technologies such as RFID, GPS, and sensors have enabled organizations to transform their existing hybrid (combination of paper-based and IT-supported processes) supply chain structures into more flexible, open, agile, and collaborative digital models. Unlike hybrid supply chain models, which have resulted in rigid organizational structures, unobtainable data, and disjointed relationships with partners, digital supply chains enable business process automation, organizational flexibility, and digital management of corporate assets. In order to reap maximum benefits from digital supply chain models, it is important that companies internalize it as an integral part of the overall business model and organizational structure. Localized disconnected projects and silo-based operations pose a serious threat to competitiveness in an increasingly digital world. The technologies discussed in this text – artificial intelligence, 3D printing, Internet of things, etc. - are beginning to come together to help digitize, automate, integrate, and improve the global supply chains. It’s certainly an exciting and challenging time for both new supply chain professionals and long-time supply chain professionals.

Adventure Motorcycling Handbook Chris Scott 2020-06 Practical guide for anyone planning a long-distance motorcycling trip. Choosing, preparing and equipping a motorbike, documentation and shipping, life on the road, trans-continental route outlines: Asia, Africa & Latin America. Updated and now in full colour, this best-seller has been in print for almost 30 years.

Harley-Davidson XL Sportster 2014-2017 Clymer Publications 2018-05-01 Each Clymer manual provides specific and detailed instructions for performing everything from basic maintenance and troubleshooting to a complete overhaul of the machine. This manual covers the Harley-Davidson XL Sportster built from 2014 to 2017. Do-it-yourselfers will find this service and repair manual more comprehensive than the factory manual, making it an indispensable part of their tool box. Specific models covered include: XL883L SuperLow (2014-2017), XL883N Iron 883 (2014-2017), XL883R Roadster (2014-2015), XL1200C 1200 Custom (2014-2017), XL1200CA Custom Limited A (2014-2016), XL1200CB 1200 Custom Limited B (2014-2017), XL1200CP 1200 Custom (factory custom) (2014-2016), XL1200CX Roadster (2016-2017), XL1200T SuperLow (2014-2017), XL1200V Seventy-Two (2014-2016), and XL1200X Forty-Eight (2014-2017).

Total Control Lee Parks 2003-07-12 Today’s super high-performance bikes are the most potent vehicles ever sold to the public and they demand advanced riding skills. This is the perfect book for riders who want to take their street riding skills to a higher level. Total Control explains the ins and outs of high-performance street riding. Lee Parks, one of the most accomplished riders, racers, authors and instructors in the world, helps riders master the awe-inspiring performance potential of modern motorcycles.This book gives riders everything they need to develop the techniques and survival skills necessary to become a proficient, accomplished, and safer street rider. High quality photos, detailed instructions, and professional diagrams highlight the intricacies and proper techniques of street riding. Readers will come away with a better understanding of everything from braking and cornering to proper throttle control, resulting in a more exciting yet safer ride.

How to Build a Motorcycle Gary Inman 2020-10-12 How to Build a Motorcycle leads you through all the key stages - from initially finding the right project for your skill level, to sourcing a base bike and safely taking on some full-on bike-building tasks. With clear, easy-to-follow instructions, proper advice and specially commissioned step-by-step illustrations throughout it is an ideal aid to getting your hands oily. Written by Gary Inman, the co-founder of independent motorcycle magazine Sideburn, and illustrated by Adi Gilbert who is best known for his bicycle and motorcycle drawings whose clients include Harley-Davidson, Guy Martin, Wired magazine, Sideburn magazine and Nike, this is a must-have for all motorcycle lovers. Read this book, even dip in and out where relevant. If it makes sense, schedule some time, clear your mind, pull on some old clothes, grab your toolbox and get going. The chapters in How to Build a Motorcycle will tell you how to complete a huge variety of tasks that will allow even the greenest of novices to get their hands dirty and start modifying with purpose. If you belong to this camp, start with some of the low-input, high-reward jobs, such as fitting bars, swapping the rear shocks or wiring in a new tail light. Even though these require relatively little work, they'll transform the look of your bike, and completing them will fill you with confidence to undertake the more difficult jobs, such as fitting more modern front forks or even making your own frame. The book comes with a glossy 32-page section on finished bikes and is a reference and the perfect gift for all fans, from those who merely like to tinker, to riders taking on a full build.

MotoGP Technology Neil Spalding 2010-12-01 Aimed at the enthusiast who would like to gain a greater understanding of technical and design issues facing MotoGP constructors, this fascinating book provides detailed analysis of the cutting-edge technology used in the sport’s premier class today. Each area of a racing motorcycle’s design is explained and separate chapters for each manufacturer trace the development of each machine over the years through to the detailed specification of the current version.