

# Hitachi Zaxis Zx50u 2 Excavator Equipment Components Parts Catalog China Specification

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Diamonds - Ian Smillie 2014-04-10

Diamonds are a multi-billion dollar business involving some of the world's largest mining companies, a million and a half artisanal diggers, more than a million cutters and polishers and a huge retail jewellery sector. But behind the sparkle of the diamond lies a murkier story, in which rebel armies in Angola, Sierra Leone and the Congo turned to diamonds to finance their wars. Completely unregulated, so-called blood diamonds became the perfect tool for money laundering, tax evasion, drug-running and weapons-trafficking. Diamonds brings together for the first time all aspects of the diamond industry. In it, Ian Smillie, former UN Security Council investigator and leading figure in the blood diamonds campaign, offers a comprehensive analysis of the history and structure of today's diamond trade, the struggle for effective regulation and the challenges ahead. There is, he argues, greater diversification and competition than ever before, but thanks to the success of the Kimberley Process, this coveted and prestigious gem now represents a fragile but renewed opportunity for development in some of the world's

poorest nations. This part of the diamond story has rarely been told.

Performance Exhaust Systems - Mike Mavrigian 2014-08-15

To extract maximum performance, an engine needs an efficient, well-designed, and properly tuned exhaust system. In fact, the exhaust system's design, components, and materials have a large impact on the overall performance of the engine. Engine builders and car owners need to carefully consider the exhaust layout, select the parts, and fabricate the exhaust system that delivers the best performance for car and particular application. Master engine builder and award-winning writer Mike Mavrigian explains exhaust system principles, function, and components in clear and concise language. He then details how to design, fabricate, and fit exhaust systems to classic street cars as well as for special and racing applications. Air/exhaust-gas flow dynamics and exhaust system design are explained. Cam duration and overlap are also analyzed to determine how an engine breathes in air/fuel, as the exhaust must efficiently manage this burned mixture. Pipe bending is a science as well as art and you're shown how to effectively crush and mandrel bend

exhaust pipe to fit your header/manifold and chassis combination. Header tube diameter and length is taken into account, as well as the most efficient catalytic converters and resonators for achieving your performance goals. In addition, Mavrigian covers the special exhaust system requirements for supercharged and turbocharged systems. When building a high-performance engine, you need a high-performance exhaust system that's tuned and fitted to that engine so you can realize maximum performance. This comprehensive book is your guide to achieving ultimate exhaust system performance. It shows you how to fabricate a system for custom applications and to fit the correct prefabricated system to your car. No other book on the market is solely dedicated to fabricating and fitting an exhaust system in high-performance applications.

Notebook - Spaces Notebook 2020-01-16

College Ruled Color Paperback. Size: 6 inches x 9 inches. 55 sheets (110 pages for writing). Space Abduction. 157896945415

*The Physical System of St. Thomas* - Giovanni Maria Cornoldi 1893

Pell's Equation - Edward J. Barbeau 2006-05-04

Pell's equation is part of a central area of algebraic number theory that treats quadratic forms and the structure of the rings of integers in algebraic number fields. It is an ideal topic to lead college students, as well as some talented and motivated high school students, to a better appreciation of the power of mathematical technique. Even at the specific level of quadratic diophantine equations, there are unsolved problems, and the higher degree analogues of Pell's equation, particularly beyond the third, do not appear to have been well studied. In this focused exercise book, the topic is motivated and developed through sections of exercises which will allow the readers to recreate known theory and provide a focus for their algebraic practice. There are several explorations that encourage the reader to embark on their own research. A high school background in mathematics is all that is needed to get into this book, and teachers and others interested in mathematics who do not have (or have forgotten) a background in advanced mathematics may

find that it is a suitable vehicle for keeping up an independent interest in the subject.

**Power Trains, Compact Equipment** - Deere & Company 1983

**A House to Remember** - Edna Gammon 2011-10-10

What happened at 10 Rillington Place was so shocking and gruesome that even today everyone over a certain age still remembers the case with a shudder. In 1950, Timothy Evans was hanged for the violent murder of his baby daughter; he was also assumed to have murdered his wife. Then, less than three years later, another tenant, John Christie, was found to have killed at least six women, hiding their bodies in the garden, under floorboards and in a concealed kitchen alcove. Christie followed Evans to the gallows. It seemed unlikely that two murderers were living at 10 Rillington Place, and the evidence that emerged in the Christie case eventually led to Evans receiving a pardon. But there was also circumstantial evidence that Evans had indeed killed his wife and child. Crime student Edna Gammon firmly believes that Evans was guilty. In *A House To Remember*, she explains why.

*And Yet . . .* - Christopher Hitchens 2016-10-25

"This collection of essays brings together some of the finest pieces Hitchens published over the last two decades for the first time in one book, addressing with characteristic wit and erudition the subjects he is best known for, including: the case against God, faith and religious observance; the case for intervention in Iraq; indictments of towering political figures like Bill and Hillary Clinton, Tony Blair, and Henry Kissinger; and celebrations of the writers and thinkers whose work meant most to him"--

**Bulk Material Handling** - Michael Rivkin Ph.D. 2018-09-15

Tens of thousands of mechanical engineers are engaged in the design, building, upgrading, and optimization of various material handling facilities. The peculiarity of material handling is that there are numerous technical solutions to any problem. The engineer's personal selection of the optimal solution is as critical as the technical component. Michael Rivkin, Ph.D., draws on his decades of experience in design,

construction, upgrading, optimization, troubleshooting, and maintenance throughout the world, to highlight topics such as: • physical principles of various material handling systems; • considerations in selecting technically efficient and environmentally friendly equipment; • best practices in upgrading and optimizing existing bulk material handling facilities; • strategies to select proper equipment in the early phases of a new project. Filled with graphs, charts, and case studies, the book also includes bulleted summaries to help mechanical engineers without a special background in material handling find optimal solutions to everyday problems.

*Guide to the Training of Supervisors for Labour-based Road Construction and Maintenance* - Lars Sune Karlsson 1981

*Asian Yearbook of International Law* - D.S. Chimni 2013-03-05

Launched in 1991, The Asian Yearbook of International Law is a major refereed publication dedicated to international law issues as seen primarily from an Asian perspective, under the auspices of the Foundation for the Development of International Law in Asia (DILA). It is the first publication of its kind edited by a team of leading international law scholars from across Asia. The Yearbook provides a forum for the publication of articles in the field of international law, and other Asian international law topics, written by experts from the region and elsewhere. Its aim is twofold: to promote international law in Asia, and to provide an intellectual platform for the discussion and dissemination of Asian views and practices on contemporary international legal issues. Each volume of the Yearbook contains articles and shorter notes; a section on State practice; an overview of Asian states participation in multilateral treaties; succinct analysis of recent international legal developments in Asia; an agora section devoted to critical perspectives on international law issues; surveys of the activities of international organizations of special relevance to Asia; and book review, bibliography and documents sections. This volume offers Asian perspectives on topics including : treaty-making power in China; the crime of aggression, illegal fishing and the destruction of environment in armed conflicts.

**The Queen of Speed** - Rachele Splatt 2001

"The first woman in the world to exceed 300 mph in a dragster"--Cover.

*How to Rebuild Honda B-Series Engines* Jason Siu 2008

The first book of its kind, How to Rebuild the Honda B-Series Engines shows exactly how to rebuild the ever-popular Honda B-series engine. The book explains variations between the different B-series designations and elaborates upon the features that make this engine family such a tremendous and reliable design. Honda B-series engines are some of the most popular for enthusiasts to swap, and they came in many popular Honda and Acura models over the years, including the Civic, Integra, Accord, Prelude, CRX, del Sol, and even the CR-V. In this special Workbench book, author Jason Siu uses more than 600 photos, charts, and illustrations to give simple step-by-step instructions on disassembly, cleaning, machining tips, pre-assembly fitting, and final assembly. This book gives considerations for both stock and performance rebuilds. It also guides you through both the easy and tricky procedures, showing you how to rebuild your engine and ensure it is working perfectly. Dealing with considerations for all B-series engines-foreign and domestic, VTEC and non-VTEC-the book also illustrates many of the wildly vast performance components, accessories, and upgrades available for B-series engines. As with all Workbench titles, this book details and highlights special components, tools, chemicals, and other accessories needed to get the job done right, the first time. Appendices are packed full of valuable reference information, and the book includes a Work-Along-Sheet to help you record vital statistics and measurements along the way. You'll even find tips that will help you save money without compromising top-notch results.

**Babel** - Alan Burns 1969

*Anne of the Island Illustrated* - Lucy Maud Montgomery 2021-01-16

Anne of the Island is the third book in the Anne of Green Gables series, written by Lucy Maud Montgomery about Anne Shirley. Anne leaves Green Gables and her work as a teacher in Avonlea to pursue her original dream of taking further education at Redmond College in Nova

Scotia. Gilbert Blythe and Charlie Sloane enroll as well, as does Anne's friend from Queen's Academy, Priscilla Grant. During her first week of school, Anne befriends Philippa Gordon, a beautiful girl whose frivolous ways charm her. Philippa also happens to be from Anne's birthplace in Bolingbroke, Nova Scotia.

**Electrical Power Systems** - P.S.R. Murty 2017-06-12

Electrical Power Systems provides comprehensive, foundational content for a wide range of topics in power system operation and control. With the growing importance of grid integration of renewables and the interest in smart grid technologies it is more important than ever to understand the fundamentals that underpin electrical power systems. The book includes a large number of worked examples, and questions with answers, and emphasizes design aspects of some key electrical components like cables and breakers. The book is designed to be used as reference, review, or self-study for practitioners and consultants, or for students from related engineering disciplines that need to learn more about electrical power systems. Provides comprehensive coverage of all areas of the electrical power system, useful as a one-stop resource Includes a large number of worked examples and objective questions (with answers) to help apply the material discussed in the book Features foundational content that provides background and review for further study/analysis of more specialized areas of electric power engineering

[Internet for Nursing Research](#) - Joyce J. Fitzpatrick 2004-09-20  
cs.nurse.res\_theory

**GM Automatic Overdrive Transmission Builder's and Swapper's Guide** - Cliff Ruggles 2008

Vehicle maintenance.

*Horizons in Neuropsychopharmacology* 1965-01-01

Horizons in Neuropsychopharmacology

**Adult Coloring Books** - Star Coloring Books 2016-01-25

By using coloring book, any adult can become an awesome artist. Just open a random page of the coloring book and color it, erase it if you do not like, color it again, till you are satisfied, then show the colored page to your friends, girlfriends, partners, family members, etc. Share one or

two pages with them and request them to color. Have some friendly competition among your friends and watch how time passes by and makes you free of worries, depressions, tensions, etc. "Star Coloring Books" wishes you happy "Swear word coloring."

*Holley Carburetors* Mike Mavrigian 2016-01-15

During the muscle car wars of the 1960s, Holley carburetors emerged as the carbs to have because of their easy-to-tune design, abundance of parts, and wide range of sizes. The legendary Double Pumper, the universal 600-cfm 1850 models, the Dominator, and now the Avenger have stood the test of time and are the leading carburetors in the high-performance engine market. To many enthusiasts, the operation, components, and rebuilding procedures remain a mystery. Yet, many carburetors need to be rebuilt and properly set up for a particular engine package. Veteran engine building expert and automotive author Mike Mavrigian guides you through each important stage of the rebuilding process, so you have the best operating carburetor for a particular engine and application. In addition, he explains carb identification as well as idle, mid-range and high-speed circuit operation, specialty tools, and available parts. You often need to replace gaskets, worn parts, and jets for the prevailing weather/altitude conditions or a different engine setup. Mavrigian details how to select parts then disassemble, assemble, and calibrate all of the major Holley carburetors. In an easy-to-follow step-by-step format, he shows you each critical stage for cleaning sensitive components and installing parts, including idle screws, idle air jets, primary/secondary main jets, accelerator pumps, emulsion tubes, and float bowls. He also includes the techniques for getting all of the details right so you have a smooth-running engine. Holley carburetor owners need a rebuilding guide for understanding, disassembling, selecting parts, and reassembling their carbs, so the carb then delivers exceptional acceleration, quick response, and superior fuel economy. With *Holley Carburetors: How to Rebuild* you can get the carb set up and performing at its best. And, if desired, you can move to advanced levels of tuning and modifying these carbs. If you're looking for the one complete book that helps you quickly and expertly rebuild your Holley

and get back on the road, this book is a vital addition to your performance library.

**Modern Engine Blueprinting Techniques** - Mike Mavrigian 2013  
Engine production for the typical car manufactured today is a study in mass production. Benefits in the manufacturing process for the manufacturer often run counter to the interests of the end user. What speeds up production and saves manufacturing costs results in an engine that is made to fall within a wide set of standards and specifications, often not optimized to meet the original design. In short, cheap and fast engine production results in a sloppy final product. Of course, this is not what enthusiasts want out of their engines. To maximize the performance of any engine, it must be balanced and blueprinted to the exact tolerances that the factory should have adhered to in the first place. Four cylinder, V-8, American or import, the performance of all engines is greatly improved by balancing and blueprinting. Dedicated enthusiasts and professional racers balance and blueprint their engines because the engines will produce more horsepower and torque, more efficiently use fuel, run cooler and last longer. In this book, expert engine builder and veteran author Mike Mavrigian explains and illustrates the most discriminating engine building techniques and perform detailed procedures, so the engine is perfectly balanced, matched, and optimized. Balancing and blueprinting is a time consuming and exacting process, but the investment in time pays off with superior performance. Through the process, you carefully measure, adjust, machine and fit each part together with precision tolerances, optimizing the design and maximizing performance. The book covers the block, crankshaft, connecting rods, pistons, cylinder heads, intake manifolds, camshaft, measuring tools and final assembly techniques. For more than 50 years, balancing and blueprinting has been an accepted and common practice for maximizing performance.  
**Automotive Wiring and Electrical Systems** - Tony Candela 2009  
Often, wiring and electrical work intimidate automotive do-it-yourselfers more than anything else. It's not mechanical, and therefore, it's unfamiliar territory. Electrons are invisible, and to an untrained enthusiast they can do unpredictable things. Finally, here is an

enthusiast's guide that takes the mysteries and misunderstandings out of automotive electrical design, modification, diagnostics, and repair. Automotive Wiring and Electrical Systems is the perfect book to unshroud the mysteries of automotive electrical and electronic systems. The basics of electrical principles, including voltage, amperage, resistance, and Ohm's law, are revealed in clear and concise detail so the enthusiast understands what these mean in the construction and repair of automotive electrical circuits. All the tools and the proper equipment required for automotive electrical tasks are covered. In addition, this in-depth guide explains how to perform more complex tasks, such as adding new circuits, installing aftermarket electronics, repairing existing circuits, and troubleshooting. It also explains how to complete popular wiring projects, such as adding late-model electronic accessories and convenience items to earlier-model cars, installing relay systems, designing and assembling multi-function circuits and harnesses, and much more. With this book in hand, you will be able to assemble, design, and build single- and multi-function circuits and harnesses, troubleshoot and repair existing circuits, and install aftermarket systems and electronics. Automotive Wiring and Electrical Systems is the perfect book for wiring a hot rod from scratch, modifying muscle car electrical circuits for cooling fans and/or power windows, or adding a big stereo and other conveniences to modern performance cars.

**How to Super Tune and Modify Holley Carburetors** - David Vizard 2013  
In How to Super Tune and Modify Holley Carburetors, best selling author Vizard explains the science, the function, and most importantly, the tuning expertise required to get your Holley carburetor to perform its best for your performance application.

*H. R. 1612, Public Lands Service Corps Act Of 2009*  
United States House of Representatives 2019-09-07

H.R. 1612, Public Lands Service Corps Act of 2009: legislative hearing before the Subcommittee on National Parks, Forests, and Public Lands of the Committee on Natural Resources, U.S. House of Representatives, One Hundred Eleventh Congress, first session, Thursday, April 2, 2009.

**Practical Engine Airflow** - John Baechtel 2015-12-15

The efficient flow of air through an engine is instrumental for producing maximum power. To maximize performance, engine builders seek to understand how air flows through components and ultimately through the entire engine. Engine builders use this knowledge and apply specific practices and principles to unlock horsepower within an engine; this applies to all engine types, including V-8s, V-6s, and imported 4-cylinder engines. Former Hot Rod magazine editor and founder of Westech Performance Group John Baechtel explains airflow dynamics through an engine in layman's terms so you can easily absorb it and apply it. The principles of airflow are explained; specifically, the physics of air and how it flows through major engine components, including the intake, heads, cylinders, and exhaust system. The most efficient and least restricted path through an engine is the key to high performance. To get to this higher level, the author explains atmospheric pressure, air density, and brake specific fuel consumption so you understand the properties of fuel for tuning. Baechtel covers the primary factors for optimizing the airflow path. This includes the fundamentals of air motion, air velocity, and boundary layers; obstructions; and pressure changes. Flowing air through the heads and the combustion chamber is key and is comprehensively explained. Also comprehensively explored is the exhaust system's airflow, in particular primary tube size and length, collector function, and scavenging. Chapters also include flowbench testing, evaluating flow numbers, and using airflow software. In the simplest terms, an engine is an air pump. Whether you're a professional engine builder or a serious amateur engine builder, you must understand engine airflow dynamics and must apply these principles if you want to optimize performance. If you want to achieve ultimate engine performance, you need this book.

Hunter-Gatherer Archaeology as Historical Process - Kenneth E. Sassaman 2013-02

Combining the latest empirical studies of archaeological practice with the latest conceptual tools of anthropological and historical theory, this volume seeks to set a new course for hunter-gatherer archaeology.

Depression - Rowena Kong 2019-03-13

Depression is a multi-faceted disorder with symptom clusters that are highly variable between individuals. In spite of efforts utilizing neuroscientific and genetic techniques in research to determine its etiology, practical clinical settings still rely on traditional verbal consultation method to devise treatment for the depressed. This book discusses the importance of focus on causality and the need to discuss issues which lead to depressive symptom manifestation and progress.

**The Complete Guide to Figure Drawing for Comics and Graphic Novels** - Dan Cooney 2012

Suitable for all abilities, from complete beginners to experienced artists. Covers all essential elements of making sequential art, including concept and composition, characters and backgrounds, expressions, emotion, atmosphere and action. This book gives

Troubleshooting and Repair of Diesel Engines - Paul Dempsey  
2007-11-05

Harness the Latest Tools and Techniques for Troubleshooting and Repairing Virtually Any Diesel Engine Problem The Fourth Edition of Troubleshooting and Repairing Diesel Engines presents the latest advances in diesel technology. Comprehensive and practical, this revised classic equips you with all of the state-of-the-art tools and techniques needed to keep diesel engines running in top condition. Written by master mechanic and bestselling author Paul Dempsey, this hands-on resource covers new engine technology, electronic engine management, biodiesel fuels, and emissions controls. The book also contains cutting-edge information on diagnostics...fuel systems...mechanical and electronic governors...cylinder heads and valves...engine mechanics...turbochargers...electrical basics...starters and generators...cooling systems...exhaust aftertreatment...and more. Packed with over 350 drawings, schematics, and photographs, the updated Troubleshooting and Repairing Diesel Engines features: New material on biodiesel and straight vegetable oil fuels Intensive reviews of troubleshooting procedures New engine repair procedures and tools State-of-the-art turbocharger techniques A comprehensive new chapter on troubleshooting and repairing electronic engine management systems

A new chapter on the worldwide drive for greener, more environmentally friendly diesels Get Everything You Need to Solve Diesel Problems Quickly and Easily • Rudolf Diesel • Diesel Basics • Engine Installation • Fuel Systems • Electronic Engine Management Systems • Cylinder Heads and Valves • Engine Mechanics • Turbochargers • Electrical Fundamentals • Starting and Generating Systems • Cooling Systems • Greener Diesels

Internal Combustion Engines - Institution of Mechanical Engineers  
2014-10-10

This book presents the papers from the Internal Combustion Engines: Performance, fuel economy and emissions held in London, UK. This popular international conference from the Institution of Mechanical Engineers provides a forum for IC engine experts looking closely at developments for personal transport applications, though many of the drivers of change apply to light and heavy duty, on and off highway, transport and other sectors. These are exciting times to be working in the IC engine field. With the move towards downsizing, advances in FIE and alternative fuels, new engine architectures and the introduction of Euro 6 in 2014, there are plenty of challenges. The aim remains to reduce both CO2 emissions and the dependence on oil-derivate fossil fuels whilst meeting the future, more stringent constraints on gaseous and particulate material emissions as set by EU, North American and Japanese regulations. How will technology developments enhance performance and shape the next generation of designs? The book introduces compression and internal combustion engines' applications, followed by chapters on the challenges faced by alternative fuels and fuel delivery. The remaining chapters explore current improvements in combustion, pollution prevention strategies and data comparisons. presents the latest requirements and challenges for personal transport applications gives an insight into the technical advances and research going on in the IC Engines field provides the latest developments in compression and spark ignition engines for light and heavy-duty applications, automotive and other markets

Water - Natalie M. Rosinsky 2002-07-01

Water: Up, Down, and All Around (PB)

**Do-It-Yourself High Performance Car Mods** - Matt Cramer  
2013-03-15

A Step-by-Step Guide to Building Your Dream Hot Rod Inside and Out! Get revved up! Everything you need to know about building your dream hot rod is inside this book. You now have at your disposal the basic automotive techniques and tools necessary to install any modification to your car. Here's the fastest and easiest way to get started! Do-It-Yourself High-Performance Car Mods is designed to help you modify cars and light trucks for improved performance. While there are many books on individual systems on a car, this practical step-by-step guide provides you with a thorough working knowledge of ALL the systems in a single resource. Automotive journalist and experienced engineer Matt Cramer has created an invaluable reference for readers regardless of age or experience. Whether you're a hobbyist new to the world of performance cars or a veteran car enthusiast looking to take the next step, you will become better equipped to drive off in the car of your dreams. There's never been a simpler, more practical approach to modifying cars and light trucks, so you can do-it-yourself--and ultimately end up in the winner's circle! Do-It-Yourself High-Performance Car Mods includes valuable information on: How car systems work Simple ways to improve performance Getting more power out of your engine How to find reliable sources Separating marketing hype from reality Adjusting the engine components and controls for best performance How improving one area may impede another

Designing and Tuning High-Performance Fuel Injection Systems - Greg Banish 2009

Looks at the combustion basics of fuel injection engines and offers information on such topics as VE equation, airflow estimation, setups and calibration, creating timing maps, and auxiliary output controls.

**How to Rebuild GM LS-Series Engines** - Chris Werner 2008-05

With the increasing popularity of GM's LS-series engine family, many enthusiasts are ready to rebuild. The first of its kind, How to Rebuild GM LS-Series Engines, tells you exactly how to do that. The book explains

variations between the various LS-series engines and elaborates up on the features that make this engine family such an excellent design. As with all Workbench titles, this book details and highlights special components, tools, chemicals, and other accessories needed to get the job done right, the first time. Appendices are packed full of valuable reference information, and the book includes a Work-Along Sheet to help you record vital statistics and measurements along the way.

Kingdom of Lesotho - International Monetary Fund 2010-01-07

In recent years, the IMF has released a growing number of reports and other documents covering economic and financial developments and trends in member countries. Each report, prepared by a staff team after discussions with government officials, is published at the option of the member country.

**Hunter-Gatherer Ireland** - Graeme Warren 2022-02-28

Explores the Irish Mesolithic - the period after the end of the last Ice Age when Ireland was home to hunter-gatherer communities, mostly from about 10,000-6,000 years ago. At this time, Ireland was an island world, with striking similarities and differences to its European neighbours - not least in terms of the terrestrial ecology created by its island status. To understand the communities of hunter-gatherers who lived there, it is essential that we consider the connections established between people and the other beings and materials with which they shared the world and through which they grew into it. Understanding the Mesolithic means

paying attention to the animals, plants, spirits and things with which hunting and gathering groups formed kinship relationships and in collaboration with which they experienced life. The book closes with a reflection on hunting and gathering in Ireland today. The overriding aim of the book is to provide a point of entry into the lives of the Irish Mesolithic, to show the different ways in which people have lived on this island, and to show how we might narrate those lives.

*Basic Machines and How They Work* Naval Education 2012-09-19

Only elementary math skills are needed to follow this manual, which covers many machines and their components, including hydrostatics and hydraulics, internal combustion engines, trains, and more. 204 black-and-white illustrations.

**Competition Engine Building** - John Baechtel 2012

Authored by veteran author John Baechtel, COMPETITION ENGINE BUILDING stands alone as a premier guide for enthusiasts and students of the racing engine. It will also find favor as a reference guide for experienced professionals for years to come.

David Vizard's How to Port and Flow Test Cylinder Heads - David Vizard 2012

Author Vizard covers blending the bowls, basic porting procedures, as well as pocket porting, porting the intake runners, and many advanced procedures. Advanced procedures include unshrouding valves and developing the ideal port area and angle.