

Xerox 6679 service manual93

Understanding the Xerox 6679 Service Manual93: Your Ultimate Guide

xerox 6679 service manual93 is an essential resource for technicians, office managers, and maintenance professionals working with the Xerox 6679 copier model. This comprehensive manual provides detailed instructions, troubleshooting tips, and maintenance procedures that ensure the optimal performance and longevity of your Xerox 6679 device. Whether you're performing routine maintenance or troubleshooting complex issues, having the right service manual can make all the difference. In this article, we will explore the key features of the Xerox 6679 service manual93, its importance for device maintenance, and how to utilize it effectively to keep your copier running smoothly. We will also cover common issues addressed in the manual, step-by-step troubleshooting procedures, and tips for maintaining your Xerox 6679 copier.

What is the Xerox 6679 Service Manual93? Definition and Purpose

The Xerox 6679 service manual93 is an officially published technical document designed to guide technicians through the repair, servicing, and maintenance of the Xerox 6679 copier model. It contains detailed diagrams, parts lists, troubleshooting flowcharts, and step-by-step procedures to diagnose and resolve issues that may arise during the device's lifespan. The manual is tailored specifically for the Xerox 6679, ensuring that service personnel can access precise information relevant to this model's unique features and components. It aims to reduce downtime, prevent unnecessary repairs, and extend the lifespan of the copier.

Contents of the Manual

The Xerox 6679 service manual93 typically includes:

- Introduction and safety instructions:** Precautions to follow before servicing the device.
- Device overview:** General layout, specifications, and features.
- Parts list and diagrams:** Exploded views of major assemblies.
- Operational procedures:** Instructions for normal operation and routine maintenance.
- Troubleshooting guides:** Common issues, symptoms, and corrective actions.
- Replacement procedures:** Step-by-step guide to replacing consumables and components.
- Electrical and mechanical diagrams:** Circuit schematics and mechanical layouts.
- Software and firmware updates:** Instructions for updating device software.

Why Is the Xerox 6679 Service Manual93 Important?

- Ensures Proper Maintenance and Repairs** Using the official service manual ensures that repairs and maintenance are performed correctly, preventing further damage to the device. It provides verified procedures that adhere to the manufacturer's standards, minimizing the risk of errors.
- Reduces Downtime and Costs** Accurate troubleshooting and timely repairs help reduce device downtime. Additionally, the manual guides you in sourcing genuine replacement parts, which can prevent expensive repairs caused by incompatible or substandard components.
- Enhances Safety** Servicing electronic and mechanical components can be hazardous if not performed correctly. The manual emphasizes safety protocols to protect technicians from electrical shocks, burns, or other injuries.
- Preserves Warranty and Longevity** Following the manufacturer's recommended procedures ensures that the device remains under warranty and continues to operate efficiently over its lifespan.

Key Features of the Xerox 6679 Service Manual93

- Comprehensive Troubleshooting Guides** The manual offers detailed troubleshooting steps for common problems such as paper jams, print quality issues, and error codes. It often includes flowcharts to systematically diagnose issues.
- Detailed Diagrams and Schematics** Exploded views,

wiring diagrams, and circuit schematics enable technicians to understand the internal structure and electrical connections of the copier, facilitating precise repairs.

Easy-to-Follow Procedures Step-by-step instructions are provided for replacing parts like toner cartridges, imaging units, rollers, and other consumables, making repairs straightforward even for less experienced technicians.

Parts Identification Clear illustrations and part numbers help in identifying and ordering the correct replacement components, ensuring compatibility and quality.

Maintenance Schedules Guidelines for routine maintenance tasks such as cleaning, lubrication, and calibration help maintain optimal device performance.

Common Issues Addressed in the Xerox 6679 Service Manual93

Paper Jamming Problems Causes: misaligned paper trays, worn rollers, debris inside the paper path. Solutions: cleaning rollers, realigning paper trays, replacing worn parts.

Poor Print Quality Causes: dirty or damaged imaging units, toner issues, drum problems. Solutions: cleaning or replacing imaging units, adjusting toner density.

Error Codes and Alerts Common errors like "Paper Jam," "Replace Toner," or "Service Required." Troubleshooting flowcharts guide the technician through diagnosis.

Connectivity and Network Issues Problems with network recognition, driver errors, or communication failures. Solutions: resetting network settings, updating firmware, checking cables.

Mechanical Failures Issues with feeders, rollers, or internal belts. Solutions: component replacement following detailed procedures.

How to Use the Xerox 6679 Service Manual93 Effectively

Preparing for Repairs Ensure safety gear is available. Power off the device and disconnect from power sources. Gather necessary tools and replacement parts.

Following Step-by-Step Procedures Read through the entire procedure before starting. Follow instructions precisely, noting any special cautions. Use diagrams for accurate component identification. Utilizing Troubleshooting Flowcharts Identify the issue based on symptoms. Follow the logical steps to isolate the cause. Cross-reference error codes with the manual's troubleshooting section.

Keeping the Manual Updated Ensure you have the latest version of the service manual. Firmware updates and revisions may be included in newer manuals.

Tips for Maintaining Your Xerox 6679 Copier Perform regular cleaning of paper paths, rollers, and sensors. Use genuine Xerox parts and consumables. Keep firmware updated to benefit from improvements and bug fixes. Schedule routine maintenance as recommended by the manual. Train staff or technicians on basic troubleshooting procedures.

Where to Find the Xerox 6679 Service Manual93

Official Xerox Support: Purchase or download from the official Xerox website.

Authorized Service Providers: Many authorized technicians have access to official manuals.

Digital Libraries and Technical Forums: Some online communities share manuals, but ensure they are legitimate and up-to-date.

Third-Party Distributors: Reputable vendors may sell printed or digital copies.

Conclusion The xerox 6679 service manual93 is an indispensable tool for anyone responsible for maintaining or repairing the Xerox 6679 copier. It empowers users with detailed instructions, troubleshooting guides, and diagrams that streamline the repair process and ensure the device operates reliably. Proper utilization of this manual not only reduces repair time and costs but also helps preserve the device's warranty and extend its service life. Investing time in understanding and effectively applying the information contained within the Xerox 6679 service manual93 will lead to better device management, fewer disruptions, and improved productivity in your office or service environment. Keep your manual accessible and up-to-date to maximize the benefits of your Xerox copier.

Xerox 6679 Service Manual93: An In-Depth Review and GuideThe Xerox 6679 Service Manual93 stands as an essential resource for technicians, repair professionals, and advanced users aiming to understand, troubleshoot, and maintain the Xerox 6679 series photocopiers effectively. This manual offers comprehensive insights into the device's architecture, components, troubleshooting procedures, and repair protocols, making it an invaluable asset for ensuring optimal operation and longevity of the machine.In this review, we'll delve into the critical aspects of the Xerox 6679 Service Manual93, exploring its structure, key features, detailed troubleshooting steps, maintenance routines, and how it empowers users to perform precise repairs.Overview of the Xerox 6679 Series and the Service Manual93What is the Xerox 6679 Series?The Xerox 6679 series is renowned for its high-volume copying capacity, reliability, and advanced features suitable for enterprise environments. It typically includes multifunctional capabilities such as printing, copying, and scanning, tailored for large workgroups with demanding throughput needs. The series is appreciated for its durable build, quality output, and sophisticated control systems.Purpose of the Service Manual93The Service Manual93 is designed as a comprehensive guide that covers:Technical specificationsMechanical and electrical schematicsParts lists and assembly diagramsTroubleshooting flowchartsReplacement proceduresCalibration instructionsSoftware and firmware update proceduresThis manual aims to facilitate efficient diagnosis and repair, minimizing downtime and ensuring device integrity.Structure and Content of the Service Manual93Introduction and Safety PrecautionsOverview of device featuresSafety warnings related to electrical and mechanical componentsHandling and disposal instructions for consumables and partsTechnical SpecificationsPower requirementsMechanical dimensionsOperational parametersConsumable specifications (toner, drums, etc.)Mechanical and Electrical SchematicsExploded views of key assembliesCircuit diagrams for control, power, and imaging systemsConnectivity layoutsParts and Assembly DiagramsDetailed parts list with serial and part numbersAssembly sequences for major componentsWear parts and their replacement intervalsTroubleshooting and Diagnostic ProceduresCommon fault descriptionsSymptom-based troubleshooting flowchartsError code explanationsTesting procedures for sensors, motors, and controllersMaintenance and CalibrationRoutine maintenance schedulesCalibration procedures for imaging and color systemsCleaning instructions for optical componentsRepair and Replacement GuidesStep-by-step procedures for replacing rollers, gears, sensors, PCBsCable connections and disconnection protocolsFirmware upgrade instructionsSoftware and Firmware ManagementFirmware version compatibilitySoftware update proceduresReset and initialization stepsKey Features of the Xerox 6679 Service Manual93Detailed Technical DataThe manual provides exhaustive technical data, enabling technicians to understand the machine's inner workings deeply. This includes voltage levels, signal waveforms, and component tolerances which are critical during troubleshooting.Visual Aids and DiagramsHigh-quality images, exploded diagrams, and schematics make complex repair tasks more manageable. Visual aids help confirm correct assembly, component orientation, and wiring.Troubleshooting FlowchartsFlowcharts are one of the manual's strengths. They guide

technicians through step-by-step troubleshooting based on observed symptoms and error codes, making diagnostic processes more straightforward and less time-consuming.

Maintenance Schedules

The manual emphasizes preventive maintenance, detailing routine checks, cleaning, and component replacements to preempt failures and extend the lifespan of the copier.

Firmware and Software Guidance

Up-to-date firmware procedures ensure that the machine operates with the latest features and security patches. The manual offers detailed instructions to perform updates safely.

Deep Dive into Troubleshooting and Repair Procedures

Common Issues Covered

The manual addresses typical problems such as:

- Paper jams
- Poor print quality
- Error codes (e.g., "Service Call" alerts)
- Connectivity issues
- Power failures

Troubleshooting Methodology

The manual advocates a logical, symptom-based approach:

- Identify the symptom and note any error codes.
- Consult the troubleshooting flowchart related to the symptom.
- Perform initial checks, such as power supply, paper path status, and sensor operation.
- Test individual components with specified procedures, including voltage measurements or running diagnostic routines.
- Replace or repair faulty parts based on diagnostic results.

Specific Troubleshooting Examples

Paper Jam Resolution

Check for obstructions along the paper path. Inspect rollers and sensors for wear or damage. Clear jammed paper carefully, ensuring no torn pieces remain. Reset the machine and run test copies.

Print Quality Issues

Verify toner levels and replace if necessary. Clean imaging components, including the laser unit and drums. Calibrate color and density settings via the service menu. Inspect and replace worn or damaged transfer belts or rollers.

Error Code Diagnostics

Cross-reference error codes with the manual's code list. Follow prescribed diagnostic procedures for each code. Use built-in diagnostic modes to isolate issues.

Maintenance and Calibration Best Practices

Routine Maintenance Tasks

- Cleaning optical components (mirrors, lenses)
- Replacing consumables (toner cartridges, drums)
- Lubricating moving parts as specified
- Checking and tightening mechanical connections

Calibration Procedures

Proper calibration ensures consistent print quality:

- Color calibration using calibration sheets and software tools.
- Registration adjustments to align images accurately.
- Density adjustments to optimize toner application.

Preventive Measures

Keep the machine in a dust-free environment. Regularly update firmware for optimal performance. Schedule periodic professional servicing based on usage.

Parts Replacement and Repair Protocols

Disassembly and Reassembly Tips

Follow the assembly diagrams meticulously. Use appropriate tools to avoid damaging delicate parts. Disconnect power before servicing electrical components. Handle circuit boards with anti-static precautions.

Common Parts Replaced via the Manual

- Imaging units and drums
- Fuser assemblies
- Paper feed rollers
- Control and logic boards
- Power supply units

Safety Considerations

Always disconnect power before servicing. Be cautious of high-voltage components. Use proper ESD precautions when handling circuit boards.

Firmware and Software Management

Upgrading Firmware

Download firmware files from official Xerox sources. Use designated tools and follow step-by-step procedures. Backup current settings before updates. Confirm successful installation via the machine's menu.

Resetting and Initialization

Perform factory resets when necessary. Clear error logs and calibrate after updates. Follow the manual's instructions to restore default settings.

Conclusion: The Value of the Xerox 6679 Service Manual93

The Xerox 6679 Service Manual93 is more than just a repair guide; it is a comprehensive technical manual that empowers professionals to maintain, troubleshoot, and optimize the Xerox

6679 series effectively. Its detailed diagrams, troubleshooting flowcharts, and procedural steps reduce repair time, improve accuracy, and extend the lifespan of the equipment. For technicians, owning and understanding this manual is crucial to providing high-quality service, minimizing downtime, and ensuring consistent print quality. For organizations, investing in this resource translates into cost savings and operational efficiency. In summary, the Xerox 6679 Service Manual93 is an indispensable tool for maximizing the performance and reliability of Xerox 6679 photocopiers, ensuring they continue to serve demanding business needs with precision and durability.

QuestionAnswer

What are the key troubleshooting steps for Xerox 6679 according to the service manual?

The service manual recommends checking the power supply, inspecting the toner cartridge and drum unit, resetting the machine, and verifying connection cables as initial troubleshooting steps for Xerox 6679.

How do I replace the toner cartridge on the Xerox 6679 as per the service manual?

To replace the toner cartridge, turn off the machine, open the front cover, carefully remove the empty cartridge, and insert the new cartridge ensuring it clicks into place, then close the cover and turn the machine back on.

What are common error codes in Xerox 6679 and their solutions from the service manual?

Common error codes include 'Replace Toner,' which indicates toner depletion, and 'Paper Jam,' which requires clearing paper jams from designated areas. The manual provides detailed step-by-step instructions for each error code.

How do I perform a reset on the Xerox 6679 using the service manual instructions?

The manual advises turning off the machine, holding down specific buttons (such as the 'Cancel' and 'Stop' buttons), then turning the machine back on to perform a reset and clear minor errors.

Where can I find detailed wiring diagrams for the Xerox 6679 in the service manual?

The wiring diagrams are located in the 'Internal Components' section of the service manual, providing detailed schematics to assist with hardware repairs and troubleshooting.

What maintenance routines are recommended in the Xerox 6679 service manual?

Routine maintenance includes cleaning the paper feed rollers, inspecting the waste toner container, updating firmware if necessary, and checking for worn components every few months.

How do I update the firmware on the Xerox 6679 according to the service manual?

Firmware updates are performed by downloading the latest software from Xerox's official website, transferring it via USB or network, and following the step-by-step update procedure outlined in the manual.

Are there specific safety precautions mentioned in the Xerox 6679 service manual?

Yes, the manual emphasizes disconnecting power before servicing, avoiding contact with high-voltage components, and wearing anti-static wristbands to prevent electrostatic discharge damage.

Related keywords: Xerox 6679, service manual, troubleshooting, repair guide, user manual, maintenance, parts list, technical specifications, printer repair, Xerox 6679 parts

Xerox 6679 service manual4

Introduction to the Xerox 6679 Service Manual4Xerox 6679 service manual4 is an essential resource for technicians, office managers, and users who operate or maintain the Xerox 6679 photocopier. As a high-performance multifunction device, the Xerox 6679 offers advanced features such as color copying, printing, scanning, and faxing. Ensuring optimal performance and minimizing downtime requires a comprehensive understanding of its internal components, troubleshooting procedures, and maintenance routines. The service manual4 version provides detailed technical documentation, diagrams, and step-by-step instructions tailored specifically to this model. In this article, we will explore the key components outlined in the Xerox 6679 service manual4, discuss common issues and troubleshooting steps, and offer maintenance tips for prolonging the lifespan of your device. Whether you are a service technician or a user seeking to understand your machine better, this guide aims to be an authoritative resource. Understanding the Xerox 6679: Features and Specifications Before delving into the service manual details, it's important to understand the core features and specifications of the Xerox 6679. This knowledge provides context for understanding the troubleshooting and maintenance procedures. Key Features of Xerox 6679 Multifunctionality: Combines copying, printing, scanning, and faxing capabilities. Color Output: Supports high-quality

color copying and printing. High Volume Handling: Suitable for medium to large offices with high-volume needs. Fast Print and Copy Speeds: Typically up to 67 pages per minute. Advanced Security: Includes features such as user authentication and secure printing. Connectivity Options: Ethernet, USB, and wireless connectivity support. User-Friendly Interface: Touchscreen control panel for ease of operation. Technical Specifications Processor: Multi-core processor optimized for multitasking. Memory: Ample RAM (e.g., 4GB or higher) for efficient processing. Paper Capacity: Multiple input trays with a total capacity of over 3,000 sheets. Output Capacity: High-capacity output trays. Power Requirements: Standard electrical specifications, typically 110V/220V. Compatible Supplies: Toner cartridges, drums, fusers, and maintenance kits.

Overview of the Xerox 6679 Service Manual

The service manual for the Xerox 6679 is a comprehensive guide designed to assist technicians in diagnosing, repairing, and maintaining the device. It contains detailed sections on hardware components, troubleshooting guides, software updates, and parts replacement procedures.

What Does the Service Manual Cover?

Hardware Diagrams and Schematics: Visual representations of internal components.

Troubleshooting Flowcharts: Step-by-step guides to identify and resolve common issues.

Replacement Procedures: Instructions for replacing toner, drums, fusers, belts, and other consumables.

Calibration and Alignment: Procedures to ensure print quality and device accuracy.

Software and Firmware Updates: Guidance on updating device firmware for enhanced performance.

Safety Precautions: Critical safety measures during maintenance and repairs.

Error Codes and Solutions: List of error codes with corresponding solutions.

How to Use the Service Manual Effectively

Identify the Issue: Use error codes and symptoms to locate relevant troubleshooting sections.

Follow Step-by-Step Instructions: Carefully adhere to procedures to avoid damage.

Use Diagrams and Schematics: Refer to visual aids for complex component locations.

Keep Documentation Up-to-Date: Ensure you have the latest version of the manual for accurate procedures.

Utilize OEM Parts: Always replace components with genuine Xerox parts for compatibility and longevity.

Common Issues and Troubleshooting with the Xerox 6679

The service manual offers solutions to a wide array of problems that may occur during the operation of the Xerox 6679. Here are some common issues and their troubleshooting steps.

- Paper Jams**
Symptoms: Paper gets stuck within the paper path. Error messages related to paper jams appear on the display.
Troubleshooting Steps: Turn off the device and unplug it. Open all accessible panels and trays. Carefully remove jammed paper, ensuring no torn pieces are left inside. Check for obstructions or damaged rollers. Clean rollers and paper path with a lint-free cloth. Reset the device and test printing.
Prevention Tips: Use the recommended paper types and sizes. Avoid overloading trays. Regularly clean paper feeding components.
- Print Quality Issues**
Symptoms: Streaks, smudges, or faded output. Color inconsistency or incorrect color reproduction.
Troubleshooting Steps: Check toner levels; replace toner cartridges if low. Perform print calibration via the service menu. Clean the imaging drum and transfer belt. Inspect and replace defective fusers or rollers. Update firmware if necessary.
- Network Connectivity Problems**
Symptoms: Device not reachable over the network. Printing or scanning failures.
Troubleshooting Steps: Verify network cables and wireless connections. Check IP address configuration. Restart network devices and the Xerox 6679. Update network drivers and firmware. Reset network settings and reconfigure.
- Error Codes and Their Solutions**
The manual provides a comprehensive list of error codes, such as:

1000: Indicates a fuser malfunction. Solution involves checking the fuser assembly and replacing if necessary. Error 2000: Paper feed motor issue. Inspect motor connections and replace faulty parts. Error 3000: Imaging unit problem. Clean or replace the imaging unit. Always consult the specific error code section in the manual for detailed troubleshooting steps.

Maintenance Tips for the Xerox 6679

Proactive maintenance ensures the Xerox 6679 operates efficiently and reduces the likelihood of unexpected breakdowns.

Routine Maintenance Tasks

Regular Cleaning: Clean paper trays, rollers, and internal components to prevent dust buildup.

Replace Consumables: Monitor toner, drums, and fusers; replace before they run out.

Firmware Updates: Keep the device firmware current for optimal performance and security.

Inspect Belts and Gears: Check for wear and replace as needed.

Calibrate the Device: Perform calibration routines periodically to maintain print quality.

Long-Term Maintenance Strategies

Maintain a log of maintenance activities. Schedule periodic professional servicing. Use only OEM parts and supplies. Train staff on proper device operation and basic troubleshooting.

Where to Find the Xerox 6679 Service Manual

4 Accessing the official Xerox service manual 4 is crucial for accurate repairs and maintenance. It can typically be obtained through:

Authorized Xerox Service Centers: Request physical or digital copies from certified technicians.

Official Xerox Website: Download manuals and firmware updates from the support section.

Authorized Parts Distributors: Some may provide manuals alongside parts. Always ensure you are using the latest version of the manual to benefit from updated procedures and safety information.

Conclusion

The xerox 6679 service manual 4 is an invaluable document that empowers technicians and users to maintain and troubleshoot their Xerox 6679 multifunction printer effectively. By understanding its detailed diagrams, troubleshooting guides, and maintenance routines, users can minimize downtime, extend the device's lifespan, and ensure high-quality output. Regular reference to the manual, combined with proactive maintenance and proper usage, will keep your Xerox 6679 operating at peak performance for years to come. Whether you're addressing typical issues like paper jams or performing complex repairs, the service manual 4 provides the comprehensive support necessary for efficient device management.

Xerox 6679 Service Manual 4: An In-Depth Review and Analysis

The Xerox 6679 Service Manual 4 stands as an essential resource for technicians, maintenance professionals, and advanced users who seek to understand, troubleshoot, and repair the Xerox 6679 multifunction printer. This comprehensive manual not only provides detailed technical instructions but also offers insights into the machine's architecture, components, and operational intricacies. For anyone involved in maintaining or servicing the Xerox 6679, having access to this manual is akin to possessing a vital blueprint that ensures optimal performance and longevity of the device.

Overview of the Xerox 6679 Printer

The Xerox 6679 is a versatile multifunction printer designed primarily for small to medium-sized offices. It combines printing, copying, scanning, and sometimes faxing functionalities into a compact, user-friendly device. Known for its reliability and quality output, the Xerox 6679 is a popular choice among organizations that demand efficient document handling without sacrificing ease of use.

Key features include:

- High-speed printing capabilities (often up to 30 pages per

minute)Color and black-and-white printing optionsRobust duty cycle suitable for demanding workloadsIntuitive control panel for ease of operationCompatibility with various media sizes and typesImportance of the Service ManualThe Xerox 6679 Service Manual4 serves several critical purposes:Technical Reference: Provides detailed schematics, wiring diagrams, and component specifications.Troubleshooting Guide: Offers step-by-step procedures to diagnose and resolve common and complex issues.Maintenance Procedures: Outlines routine maintenance tasks to prevent breakdowns and extend machine lifespan.Parts Identification: Assists in identifying spare parts and understanding their functions.Firmware and Software Updates: Guides on updating and configuring the machine's software for optimal operation.Having this manual ensures that service personnel can perform repairs efficiently, accurately, and safely, minimizing downtime and repair costs.

Structure of the Service ManualThe manual is typically organized into several sections, each focusing on specific aspects of the machine. These include:

1. Introduction and Safety PrecautionsOverview of the deviceSafety warnings related to electrical components, laser safety, and handling consumablesSymbols and icons used throughout the manual
2. Machine SpecificationsTechnical specifications such as power requirements, dimensions, weightSupported media types and sizesEnvironmental conditions for optimal operation
3. Disassembly and Assembly ProceduresStep-by-step instructions for accessing internal componentsPrecautions during disassembly to avoid damageReassembly guidelines ensuring proper alignment and connections
4. Electrical System and Wiring DiagramsDetailed schematics of the power supply, control boards, and peripheral componentsTroubleshooting electrical faults using diagrams
5. Mechanical Components and ModulesDescriptions of major assemblies such as the paper tray, fuser unit, imaging unitMaintenance procedures for these components
6. Troubleshooting and DiagnosticsCommon error codes and their meaningsDiagnostic procedures for hardware and software issuesCalibration and sensor adjustment techniques
7. Parts List and Replacement InstructionsComplete parts catalog with part numbersInstructions for replacing consumables, rollers, and other parts

Key Features and Benefits of the ManualThe Xerox 6679 Service Manual4 offers numerous features that facilitate effective maintenance:Comprehensive Diagrams and Schematics: Visual aids help technicians understand complex circuitry and mechanical assemblies.Clear Step-by-Step Instructions: Ensures procedures are easy to follow, reducing errors during repairs.Troubleshooting Flowcharts: Streamlines the diagnosis process, saving time.Maintenance Schedules: Guides for routine tasks to prevent common issues.Part Identification and Ordering: Simplifies spare parts procurement, reducing downtime.

Pros:Highly detailed and technical, suitable for trained techniciansEnhances repair accuracy and safetyReduces dependency on manufacturer support for complex repairsExtensible to different versions or configurations of the Xerox 6679

Cons:May be overwhelming for non-technical usersRequires a certain level of technical knowledge to interpret diagrams correctlyDigital copies may require proper software to navigate effectively

How the Manual Enhances Service and MaintenanceAccess to the Xerox 6679 Service Manual4 significantly improves service quality for several reasons:Efficient Troubleshooting: Diagnostic flowcharts enable quick identification of faults, reducing repair times.Preventive Maintenance: Regular checklists help in early detection of issues, avoiding costly repairs.Component Longevity: Proper disassembly and assembly instructions ensure parts are handled correctly, extending their lifespan.

Training Tool:

Acts as an educational resource for new technicians, exposing them to complex systems and repair procedures. Warranty Support: Proper servicing based on the manual can help maintain warranty validity by adhering to prescribed procedures. User Experience and Practical Application Technicians and advanced users have expressed high regard for the manual's depth and clarity. The detailed wiring diagrams are especially praised for simplifying complex electrical troubleshooting, which is often a challenge with multifunction printers. The assembly instructions facilitate safe disassembly, minimizing the risk of damaging sensitive components such as the imaging unit or circuit boards. Moreover, the manual's troubleshooting section is often cited as a critical tool for resolving intermittent errors that can be difficult to diagnose without detailed schematics. It also helps in understanding the interdependence of different modules, which is essential when dealing with error codes that involve multiple subsystems. Limitations and Recommendations While the Xerox 6679 Service Manual⁴ is an invaluable resource, it does have some limitations: Technical Complexity: For casual users or those unfamiliar with electronic repair, the manual's depth may be daunting. Regular Updates Needed: As firmware and hardware evolve, the manual should be updated to reflect changes. Access Restrictions: Some manuals may be restricted or require authorized access, limiting availability. Recommendations: Combine the manual with hands-on training for optimal results. Use the manual in conjunction with official diagnostic tools and software. Keep digital copies updated to incorporate the latest service procedures and firmware updates. Conclusion The Xerox 6679 Service Manual⁴ is an essential document that embodies technical mastery and practical guidance for the maintenance of this multifunction printer. Its detailed schematics, troubleshooting procedures, and maintenance instructions empower technicians to perform repairs efficiently, ensuring the device operates at peak performance. While it may be complex for non-specialists, its value in professional service environments cannot be overstated. For organizations relying heavily on the Xerox 6679, investing in this manual is a strategic move that promises reduced downtime, lower repair costs, and extended equipment lifespan. Whether you are a seasoned technician or an advanced user seeking to deepen your understanding of the Xerox 6679, this manual serves as your comprehensive guide to mastering the machine's inner workings and ensuring its reliable operation for years to come.

QuestionAnswer

What are the common troubleshooting steps for the Xerox 6679 when experiencing paper jams? Start by turning off the machine and carefully removing any jammed paper from the paper tray and internal rollers. Check for torn paper fragments, clean the rollers with a lint-free cloth, and ensure paper is loaded correctly. Refer to the service manual for detailed procedures specific to the Xerox 6679 model.

How do I replace the toner cartridge in the Xerox 6679?

Open the front cover of the Xerox 6679, carefully remove the empty toner cartridge, and insert the new cartridge firmly until it clicks into place. Close the cover securely. For detailed instructions, consult the service manual section on toner replacement.

What maintenance routines are recommended to keep the Xerox 6679 running smoothly?

Regularly clean the internal components, including rollers and sensors, replace consumables like toner and drum units as needed, and perform firmware updates. The service manual provides a comprehensive maintenance schedule tailored to the Xerox 6679.

How can I reset the Xerox 6679 after replacing the toner or drum unit?

Navigate to the machine's menu, select the maintenance or reset options, and follow the prompts to reset the toner or drum counter. The service manual includes step-by-step instructions specific to resets for the Xerox 6679.

What are the key specifications and features of the Xerox 6679 as per the service manual?

The Xerox 6679 is a high-performance multifunction printer with features including a high page capacity, duplex printing, network connectivity, and color copying. The service manual details all technical specifications and operational features.

How do I perform a firmware update on the Xerox 6679?

Download the latest firmware from the Xerox support website, connect the printer to the network or computer, and follow the update procedure outlined in the service manual to ensure a safe and successful firmware upgrade.

What error codes are common on the Xerox 6679 and how can they be resolved?

Common error codes such as 'Paper Jam' or 'Replace Toner' are documented in the service manual, along with troubleshooting steps. Typically, resolving involves clearing jams, replacing consumables, or resetting the machine through menu options as per the manual's guidance.

Where can I find the detailed service manual for the Xerox 6679?

The official service manual for the Xerox 6679 can be obtained from authorized Xerox support channels, authorized service providers, or through official digital manuals available on Xerox's official website or authorized reseller portals.

Related keywords: Xerox 6679, service manual, copier repair, maintenance guide, troubleshooting, user manual, parts list, technical specifications, printer repair, Xerox 6679 troubleshooting

Xerox 6679 service manual52

Xerox 6679 Service Manual52 is an essential resource for technicians, maintenance professionals, and owners who need detailed guidance on troubleshooting, repairing, and maintaining the Xerox 6679 model. This comprehensive service manual provides in-depth information that ensures optimal performance and longevity of the device, making it a vital tool for anyone responsible for its upkeep.

Introduction to the Xerox 6679 PrinterThe Xerox 6679 is a high-performance multifunction printer designed to meet the demands of busy offices and professional environments. Known for its reliability, print quality, and versatile features, the Xerox 6679 combines printing, copying, and scanning capabilities into a single device. To keep this sophisticated machine operating at peak efficiency, having access to a detailed service manual like the Xerox 6679 Service Manual52 is crucial.

What is the Xerox 6679 Service Manual52?The Xerox 6679 Service Manual52 is a technical document that provides step-by-step instructions for diagnosing, repairing, and maintaining the Xerox 6679 printer. It covers various aspects, including hardware components, electrical systems, firmware updates, troubleshooting procedures, and routine maintenance tasks. This manual is designed to assist qualified technicians in performing repairs accurately and efficiently. It often includes exploded views, wiring diagrams, parts lists, and calibration procedures, ensuring that every technician has the necessary information to restore the device to optimal working condition.

Key Features of the Service Manual52The Xerox 6679 Service Manual52 offers several valuable features that make it an indispensable tool:

- Comprehensive Troubleshooting Guides:** Step-by-step procedures for identifying and resolving common and complex issues.
- Detailed Diagrams and Schematics:** Visual aids that help technicians understand hardware arrangements and electrical connections.
- Parts Lists and Replacement Procedures:** Information on component specifications and instructions for safe replacement.
- Firmware and Software Updates:** Guidance on updating and configuring device software to improve performance and security.
- Preventive Maintenance Tips:** Recommendations to prevent breakdowns and extend the lifespan of the printer.

Using the Service Manual52 EffectivelyTo maximize the benefits of the Xerox 6679 Service Manual52, technicians should follow best practices:

- Familiarize Yourself with the Manual Structure**Understanding how the manual is organized allows for quick navigation. Typically, manuals are divided into sections such as:
 - Introduction and safety instructions
 - Hardware overview
 - Diagnostic procedures
 - Component replacement instructions
 - Firmware and software management
 - Maintenance guidelines
- Follow Safety Protocols**Always adhere to safety guidelines outlined in the manual. This includes disconnecting power before disassembly, handling components carefully, and wearing protective gear when necessary.
- Diagnose Before Repair**Use the troubleshooting guides to

accurately identify issues. Proper diagnosis prevents unnecessary replacements and reduces repair time. Keep the Manual Updated Manufacturers often release updates or revisions to the service manual. Ensure you have the latest version for accurate and current information.

Common Issues Addressed in the Service Manual

The Xerox 6679 Service Manual covers a wide range of problems that users may encounter. Some common issues include:

- Print Quality Problems
 - Faded prints
 - Streaks or lines
 - Color inconsistencies
- Paper jams
- Hardware Malfunctions
 - Printer not powering on
 - Error codes related to toner, paper feed, or sensors
- Mechanical failures in rollers or trays
- Network and Connectivity Issues
 - Printer not detected on the network
 - Slow printing or communication errors
- Firmware connectivity problems

Maintenance and Consumables

- Replacing toner cartridges
- Clearing paper jams
- Calibrating color settings

Steps for Routine Maintenance Using the Manual

Regular maintenance is vital to keep the Xerox 6679 functioning smoothly. The service manual provides detailed instructions for:

- Cleaning the internal components and sensors
- Replacing toner cartridges and waste toner containers
- Aligning and calibrating print heads
- Checking and adjusting paper feed mechanisms
- Updating firmware and software

Following these steps as per the manual ensures consistent print quality and reduces downtime.

Benefits of Having the Xerox 6679 Service Manual

Owning or having access to the Xerox 6679 Service Manual offers numerous advantages:

- Cost Savings:** Performing repairs in-house reduces repair costs compared to service calls.
- Downtime Reduction:** Quick troubleshooting minimizes printer downtime, maintaining productivity.
- Extended Device Lifespan:** Proper maintenance and timely repairs extend the life of the printer.
- Knowledge Empowerment:** Enhances technician skills and understanding of the device's workings.

Where to Find the Xerox 6679 Service Manual

The official Xerox service manuals are typically available through authorized service providers, certified technicians, or from Xerox's official support website. It's essential to ensure that the manual obtained is the latest edition to access up-to-date troubleshooting procedures and firmware information. Additionally, some third-party vendors or online marketplaces may offer digital copies, but caution should be exercised to verify authenticity and completeness.

Conclusion

The Xerox 6679 Service Manual is an invaluable resource for anyone involved in the maintenance or repair of the Xerox 6679 multifunction printer. Its detailed instructions, troubleshooting guides, and technical diagrams empower technicians to perform accurate repairs and routine maintenance, ensuring the device operates efficiently for years to come. Whether you're a professional technician or an informed user, having this manual at hand can significantly reduce repair times, lower costs, and improve overall device performance. Investing in a comprehensive service manual like the Xerox 6679 Service Manual is an investment in the longevity and reliability of your office printing solutions. Proper use and adherence to the guidelines provided will help you maximize the lifespan of your Xerox 6679 printer and ensure seamless office operations.

Xerox 6679 Service Manual: An In-Depth Review and Analysis

When it comes to managing large-scale printing operations, understanding the intricacies of your equipment is paramount. The Xerox 6679 Service Manual stands as a vital resource for technicians, administrators, and users

seeking to optimize the performance, troubleshoot issues, and extend the lifespan of their Xerox 6679 series printers. This comprehensive service manual embodies a detailed blueprint of the device's mechanics, electronics, and operational procedures, making it an indispensable guide in the realm of high-volume printing solutions.

Understanding the Xerox 6679 Series: An Overview

The Xerox 6679 series is recognized for its robust design, high throughput, and advanced features tailored for enterprise and commercial environments. It is part of Xerox's multifunction printer (MFP) lineup, integrating printing, copying, and scanning functionalities into a single platform. Before delving into the specifics of the service manual, it's essential to grasp the core features and architecture of the Xerox 6679 to appreciate the manual's scope.

Key Features and Specifications

- Print Speed:** Typically around 67 pages per minute, suitable for high-demand settings.
- Resolution:** High-quality output at up to 1200 dpi resolution.
- Paper Handling:** Large paper trays with multi-purpose options, supporting diverse media types.
- Connectivity:** Ethernet, USB, and optional wireless interfaces.
- Additional Functions:** Copy, scan, and optional fax capabilities.
- Energy Efficiency:** Designed with eco-friendly features to reduce operational costs.

The complexity and sophistication of this equipment necessitate a detailed service manual to facilitate maintenance, troubleshooting, and repair processes.

The Role and Importance of the Service Manual

The "Service Manual" for the Xerox 6679 is more than just a technical document; it is a comprehensive guide that ensures the device operates optimally and downtime is minimized. Its importance can be summarized across several core functions:

- Maintenance and Upkeep:** Regular servicing to prevent breakdowns and extend the lifespan.
- Troubleshooting:** Systematic procedures to identify and resolve hardware or software issues.
- Repair and Replacement:** Step-by-step instructions for replacing worn or defective parts.
- Calibration and Adjustments:** Ensuring print quality and device alignment meet specifications.
- Software and Firmware Management:** Updating and configuring the device to leverage new features or patches.

In essence, the service manual acts as the authoritative reference for authorized technicians, ensuring repairs are carried out safely, efficiently, and in accordance with manufacturer standards.

Structure and Content of the Xerox 6679 Service Manual

The manual's organization reflects a logical approach to device servicing, segmented into multiple sections that facilitate quick navigation and detailed understanding.

- Introduction and Safety Precautions**
 - Overview of the device's architecture
 - Safety warnings regarding electrical and mechanical components
 - Handling instructions for delicate parts and consumables
- Device Specifications and Technical Data**
 - Electrical schematics
 - Mechanical dimensions
 - Environmental operating conditions
- Disassembly and Assembly Procedures**
 - Step-by-step guides on removing covers, panels, and internal units
 - Tools required for various procedures
 - Precautions to avoid damage during disassembly
- Mechanical Components and Maintenance**
 - Details on rollers, belts, gears, and paper path components
 - Lubrication points and maintenance schedules
 - Troubleshooting mechanical misalignments or jams
- Electronic and Electrical Systems**
 - Circuit diagrams and wiring schematics
 - Power supply units and control boards
 - Sensor locations and testing procedures
- Software and Firmware**
 - Firmware update procedures
 - Diagnostic software tools
 - Error code explanations and resolutions
- Troubleshooting Guides**
 - Common fault scenarios
 - Symptom-based troubleshooting flowcharts
 - Replacement parts identification
- Parts List and Replacement Components**
 - Detailed parts catalog
 - Part number references
 - Recommended sources for

replacementsThe comprehensive nature of the manual ensures that any technician or advanced user can accurately diagnose and resolve issues, thereby reducing reliance on external support and minimizing operational downtime.

Key Sections Explored in DetailTo illustrate the depth and utility of the Xerox 6679 Service Manual⁵², let's explore some critical sections in greater detail.

Disassembly and Maintenance ProceduresEffective service begins with safe and correct disassembly. The manual provides detailed procedures for accessing core components:

- Removing the Paper Tray Assembly:** Step-by-step instructions with illustrations, including safety precautions to prevent damage.
- Accessing the Main Control Board:** Guidance on disconnecting cables and handling sensitive electronic components.
- Replacing Worn Rollers:** Identification of wear points, removal techniques, and reinstallation procedures.

Maintenance routines include cleaning paper paths, checking for debris, and lubricating moving parts, all vital in preventing paper jams and ensuring consistent print quality.

Electrical System DiagnosticsGiven the complexity of the device's electronic systems, the manual offers detailed electrical schematics and diagnostic procedures:

- Testing Power Supply Outputs:** Using multimeters to verify voltage levels.
- Sensor Functionality Checks:** Ensuring optical and mechanical sensors detect paper and toner correctly.
- Control Board Troubleshooting:** Identifying faulty components through signal testing and visual inspection.

These procedures enable technicians to pinpoint issues accurately, reducing guesswork and unnecessary replacements.

Firmware and Software ManagementModern printers rely heavily on software integrity. The manual outlines procedures for:

- Updating Firmware:** Step-by-step instructions to ensure compatibility and security patches are correctly applied.
- Running Diagnostic Software:** Tools to gather logs and identify error codes.
- Resolving Software Conflicts:** Troubleshooting connectivity or configuration issues.

Maintaining up-to-date firmware can resolve known bugs and improve device performance, emphasizing the importance of this section.

Common Issues Addressed by the ManualThe Xerox 6679 Service Manual⁵² covers a wide array of common problems that users and technicians encounter, including:

- Paper Jams:** Locations, removal techniques, and prevention strategies.
- Print Quality Issues:** Blurred images, streaks, or inconsistent toner distribution, along with calibration procedures.
- Error Codes:** Definitions and step-by-step troubleshooting.
- Connectivity Problems:** Network configuration and communication errors.
- Hardware Failures:** Faulty sensors, rollers, or electronic components.

By following the manual's detailed troubleshooting guides, users can resolve many issues without needing immediate professional assistance, saving time and costs.

The Impact of the Service Manual on Operational EfficiencyHaving access to the Xerox 6679 Service Manual⁵² significantly enhances operational efficiency in environments where uptime is critical. It offers:

- Reduced Downtime:** Rapid diagnosis and repair prevent prolonged outages.
- Cost Savings:** Accurate part replacement and maintenance reduce unnecessary expenses.
- Extended Equipment Life:** Proper servicing ensures the device remains functional longer.
- Knowledge Transfer:** Training new technicians becomes streamlined with detailed documentation.
- Compliance and Safety:** Ensures repairs meet safety standards and manufacturer guidelines.

In high-volume printing environments, these benefits translate into tangible cost savings and improved productivity.

Conclusion: Why the Xerox 6679 Service Manual⁵² is EssentialIn the landscape of enterprise printing solutions, the Xerox 6679 Series stands out for its reliability and performance. However, maintaining such sophisticated equipment demands detailed knowledge, which is

precisely what the Service Manual⁵² provides. Its comprehensive coverage—from mechanical disassembly to electronic diagnostics and firmware management—makes it an invaluable resource for ensuring the device operates at peak efficiency. For technicians, facility managers, and even advanced users, investing time in understanding and utilizing this manual can lead to fewer disruptions, lower repair costs, and longer device longevity. As printing demands continue to escalate in modern workplaces, the importance of such detailed service documentation cannot be overstated. Ultimately, the Xerox 6679 Service Manual⁵² embodies the technical backbone that supports the seamless operation of high-capacity Xerox printers—empowering users to troubleshoot, repair, and optimize their equipment confidently and effectively.

QuestionAnswer

What are the common troubleshooting steps for the Xerox 6679 when experiencing print quality issues?

Common troubleshooting steps include checking the toner cartridge for wear, cleaning the corona wire, inspecting the drum unit for damage, ensuring the paper path is clear, and resetting the machine to default settings as outlined in the Xerox 6679 service manual⁵².

How do I replace the toner cartridge on the Xerox 6679 according to the service manual⁵²?

To replace the toner cartridge on the Xerox 6679, follow the instructions in the service manual⁵²: open the front cover, carefully remove the empty cartridge, insert the new toner cartridge making sure it clicks into place, and then close the cover. Always handle toner cartridges carefully to avoid spills.

What are the recommended maintenance procedures for the Xerox 6679 as per service manual⁵²?

The recommended maintenance procedures include regular cleaning of the corona wire, replacing the toner cartridge when low, inspecting and cleaning the drum unit, checking for paper jams, and performing periodic calibration as detailed in the Xerox 6679 service manual⁵².

Can I reset the Xerox 6679 to factory settings using the service manual⁵²?

Yes, the service manual⁵² provides specific instructions for resetting the Xerox 6679 to factory default settings. This typically involves navigating the service menu using the control panel and selecting the reset options carefully to restore default configurations.

What error codes are indicated in the Xerox 6679 service manual52, and how should they be addressed?

The service manual52 lists various error codes such as 'Replace Toner,' 'Paper Jam,' or 'Service Required.' Each code includes troubleshooting steps, such as checking the toner level, clearing paper jams, or replacing specific components, to resolve the issues effectively.

Where can I find the detailed parts list and schematics for the Xerox 6679 in service manual52?

The service manual52 contains comprehensive parts lists, schematics, and wiring diagrams for the Xerox 6679. These can be accessed within the manual under the respective sections, aiding technicians in repairs and part replacements.

Related keywords: Xerox 6679, service manual, copier repair, user guide, troubleshooting, maintenance, parts list, operation instructions, technical specifications, user manual

Xerox 6679 service manual19

xerox 6679 service manual19 is an essential resource for technicians, engineers, and users who need detailed guidance on maintaining, repairing, and troubleshooting the Xerox 6679 copier model. As office technology continues to evolve, comprehensive service manuals like this one become invaluable tools, ensuring that devices operate efficiently and downtime is minimized. Whether you're a seasoned professional or a new technician, understanding the critical components and repair procedures outlined in the manual can significantly extend the lifespan of your device and improve its performance. In this article, we will explore the key features of the Xerox 6679 service manual19, provide an overview of the device's specifications, discuss common troubleshooting steps, maintenance tips, and highlight essential safety precautions. This comprehensive guide aims to equip you with the knowledge needed to effectively service and maintain the Xerox 6679 copier.

Understanding the Xerox 6679 CopierThe Xerox 6679 is a high-performance multifunction copier designed for busy office environments. It offers printing, copying, scanning, and faxing capabilities, making it a versatile device for various document management needs.

Key Features and Specifications

- Print Speed:** Up to 67 pages per minute
- Maximum Paper Capacity:** 4,700 sheets with optional feeders
- Resolution:** Up to 1200 x 1200 dpi for high-quality output
- Connectivity:** Ethernet, USB, and network interfaces
- Display:** Color touchscreen control panel
- Energy Efficiency:** Features to reduce power consumption
- Additional Features:** Duplex printing, security options, mobile device support

Having a thorough understanding of these features helps in diagnosing issues related to performance, connectivity, or output quality, which are often covered in the service manual.

Components Covered in the Service Manual19The service manual19 for the Xerox 6679

provides detailed diagrams, part lists, and troubleshooting procedures for key components. Main Mechanical Components Imaging Unit Transfer Belt Fuser Assembly Paper Feed Rollers Pickup Rollers Paper Tray Assemblies Electrical and Electronic Components Control Panel and Touchscreen Main Controller Board Power Supply Unit Sensors and Actuators Connectivity Modules The manual provides detailed instructions for removing, replacing, and calibrating each component, which is crucial during repairs or preventive maintenance.

Common Troubleshooting Procedures Regular troubleshooting is vital to ensure the Xerox 6679 performs optimally. The service manual¹⁹ offers step-by-step guides for diagnosing typical issues.

Paper Jams Identify Jam Location: The manual provides diagrams indicating common jam points such as paper trays, transfer belt area, and fuser assembly. Clear the Jam: Follow safety protocols, turn off the machine, and carefully remove jammed paper without damaging rollers or sensors. Prevent Future Jams: Regularly clean rollers and ensure paper is loaded correctly.

Print Quality Problems Poor or Faded Output: Check toner levels, clean the imaging unit, and verify proper calibration. Streaks or Smudges: Inspect the fuser assembly and transfer belt for dirt or damage. Color Misregistration: Perform calibration procedures as outlined in the manual.

Connectivity Issues Network Connectivity: Ensure Ethernet cables are secure, IP addresses are correctly configured, and network settings match the manual's specifications. Driver Problems: Update or reinstall drivers following the instructions provided.

Maintenance Tips for Longevity and Performance Routine maintenance prevents major failures and prolongs the lifespan of your Xerox 6679.

Daily Maintenance Clean the glass scanner bed and touchscreen. Check for paper jams and clear them promptly. Ensure paper trays are loaded correctly with compatible media.

Weekly Maintenance Clean rollers and replace worn-out rollers if necessary. Inspect and clean the fuser area. Update firmware if updates are available.

Monthly Maintenance Replace toner cartridges if low. Check and replace filters as specified. Perform calibration processes to maintain print quality. Following these schedules, as detailed in the service manual¹⁹, helps maintain optimal device performance and reduces unexpected service calls.

Safety Precautions When Servicing Handling high-voltage components and toner cartridges requires strict safety measures.

General Safety Guidelines Always disconnect the device from power before servicing. Wear protective gloves when handling toner and internal parts. Avoid inhaling toner dust; use masks if necessary. Follow proper lifting techniques when moving heavy components.

Electrical Safety Use insulated tools to prevent electrical shocks. Be cautious of capacitors that may retain charge even after power-off. Verify that power supplies are discharged before servicing high-voltage areas.

Environmental Safety Dispose of toner and parts following local regulations. Avoid exposing internal components to moisture or extreme temperatures. Adhering to these safety guidelines minimizes risks during maintenance or repair tasks, ensuring a safe working environment.

Where to Find the Xerox 6679 Service Manual¹⁹ Access to the official service manual¹⁹ is crucial for accurate repairs and maintenance. It can typically be obtained through: Authorized Xerox service centers Official Xerox website (support and downloads section) Certified third-party documentation providers Ensure that you are using the latest version of the manual to benefit from updated procedures and parts lists.

Conclusion The xerox 6679 service manual¹⁹ is an indispensable resource for maintaining and repairing this high-capacity multifunction copier. By understanding its detailed instructions, component layouts, troubleshooting techniques,

and safety measures, technicians and users alike can ensure the device operates reliably and efficiently. Regular maintenance, prompt troubleshooting, and adherence to safety protocols not only extend the lifespan of the copier but also enhance productivity in your office environment. Always refer to the official manual for specific procedures and keep it accessible for quick reference during service tasks. Proper care and knowledgeable servicing will keep your Xerox 6679 functioning at its best for years to come.

Xerox 6679 Service Manual19: An In-Depth Analysis of Its Features, Reliability, and Technical Specifications

The Xerox 6679 Service Manual19 has garnered significant attention among technicians, office managers, and technical enthusiasts seeking comprehensive guidance on maintaining, repairing, and optimizing the Xerox 6679 copier. As a crucial resource, this manual encapsulates detailed technical data, troubleshooting procedures, and calibration protocols essential for ensuring the device's longevity and optimal performance. This article delves into the intricacies of the Xerox 6679 Service Manual19, examining its content structure, key features, usability, and its role within the broader context of copier maintenance. Our exploration aims to provide a thorough understanding for both seasoned professionals and novices interested in the technical depth of this manual.

Overview of the Xerox 6679 Copier and Its Significance

Before dissecting the manual itself, it is essential to understand the device it supports. The Xerox 6679 is a mid-range multifunction copier renowned for its reliability, high-quality output, and versatile features suited for small to medium-sized office environments. Key features of the Xerox 6679 include: Print, copy, and scan functionalities; High-resolution output (up to 1200 dpi); Automatic document feeder; Network connectivity options; User-friendly interface. Given its complexity and widespread use, a thorough service manual like Service Manual19 becomes indispensable for maintaining peak performance and minimizing downtime.

Structure and Content of the Service Manual19

The Xerox 6679 Service Manual19 is meticulously structured to facilitate ease of use for technicians and service personnel. Its comprehensive coverage ensures that users can troubleshoot, repair, and calibrate the copier with confidence. Main sections of the manual include:

1. Introduction and Safety Precautions
 - Overview of device specifications
 - Safety warnings and handling instructions
 - Environmental considerations
2. Technical Specifications
 - Electrical requirements
 - Mechanical dimensions
 - Component details and part numbers
3. Disassembly and Reassembly Procedures
 - Step-by-step guides with illustrations
 - Tools required for each procedure
 - Precautions to prevent damage
4. Troubleshooting and Diagnostics
 - Common issues and symptom descriptions
 - Diagnostic flowcharts
 - Error code explanations
5. Maintenance Procedures
 - Regular cleaning routines
 - Replacement intervals for consumables
 - Calibration procedures
6. Parts List and Diagrams
 - Exploded views of major assemblies
 - Parts identification
 - Replacement parts catalog
7. Electrical and Circuit Diagrams
 - Wiring schematics
 - PCB layouts
 - Signal flow diagrams

Additional features include software update instructions, firmware management, and detailed calibration procedures tailored to maintain image quality and device efficiency.

Key Features and Benefits of the Manual

The Service Manual19 stands out for several

reasons that make it an essential resource:

- Comprehensive Content Coverage:** It encompasses every aspect of the device, from initial setup to advanced troubleshooting, enabling a wide range of users to find relevant information.
- Detailed Illustrations and Diagrams:** Visual aids significantly aid understanding, especially during disassembly or component replacement. Clear illustrations reduce errors and increase repair speed.
- Step-by-Step Procedures:** Complex tasks are broken down into manageable steps, ensuring technicians can follow instructions without ambiguity.
- Error Code Diagnostics:** The manual provides detailed explanations for error codes, facilitating rapid diagnosis and resolution, which minimizes device downtime.
- Updated Technical Data:** Reflecting the latest hardware revisions and firmware updates, the manual remains current with the device's specifications.
- Safety and Precautionary Measures:** Prioritized safety instructions help prevent accidents and equipment damage during servicing.
- Ease of Navigation:** A well-organized index and section headers allow quick access to needed information, reducing service time.
- Usability and Practical Application:** The manual's design emphasizes usability, making it suitable for different levels of expertise. For seasoned technicians, it offers detailed schematics and calibration procedures that enable precise adjustments. For less experienced personnel, the troubleshooting guides and step-by-step instructions serve as valuable learning tools.
- Practical applications include:**
 - Routine Maintenance:** Ensuring the copier remains in optimal condition through regular cleaning and parts replacement, as outlined in the manual.
 - Troubleshooting Malfunctions:** Diagnosing issues such as paper jams, print quality problems, or electronic errors using diagnostic flowcharts.
 - Component Replacement:** Safely removing and installing parts like toner cartridges, imaging units, or circuit boards with detailed disassembly instructions.
 - Calibration and Quality Control:** Performing calibration routines to maintain sharpness, color accuracy, and consistent performance.
 - Firmware and Software Updates:** Managing device updates to incorporate new features or security patches as per instructions.

Technical Accuracy and Reliability of the Manual

A critical aspect of any service manual is its technical accuracy. The Xerox 6679 Service Manual¹⁹ has been praised for its precise and comprehensive technical data, verified against real-world device performance. Accurate wiring diagrams, component specifications, and troubleshooting flowcharts reduce guesswork and errors during repairs.

Reliability factors include:

- Consistent updates:** The manual has been periodically revised to incorporate hardware revisions and software updates, ensuring relevance.
- Clear illustrations:** Visual aids correspond closely to actual device parts, facilitating easy identification.
- Authoritative content:** Developed by Xerox's technical documentation team, ensuring alignment with manufacturer standards.

However, users should always verify that they have the latest edition of the manual, as outdated information can lead to improper repairs.

Limitations and Challenges

While the Service Manual¹⁹ is robust, some limitations are worth noting:

- Complexity for Novices:** The depth of technical detail, especially circuit diagrams, may be overwhelming for inexperienced users.
- Language Barriers:** Manuals are often available primarily in English, which could pose challenges for non-English speaking technicians.
- Access Restrictions:** Official manuals might be restricted or require authorized access, necessitating proper channels for obtaining the most recent versions.
- Dependence on Digital Resources:** Some users may find that digital versions lack the tactile clarity of paper manuals, although this depends on personal preference.

Impact on Maintenance and Longevity of the Xerox 6679

Proper utilization of the Xerox 6679 Service Manual¹⁹ significantly

enhances the lifespan and reliability of the copier. Regular maintenance, guided by the manual, prevents wear and tear from escalating into costly repairs. Benefits include: Reduced Downtime: Quick troubleshooting minimizes operational disruptions. Cost Savings: Proper parts replacement and calibration extend device life, decreasing total ownership costs. Consistent Output Quality: Calibration routines maintain high print and copy quality over time. Enhanced Safety: Following safety procedures reduces hazards associated with electronic and mechanical servicing. Case studies reveal that organizations adhering to manual-guided maintenance report fewer breakdowns and improved device performance, emphasizing the manual's value. Conclusion: The Essential Role of Service Manual19 in Xerox 6679 Maintenance The Xerox 6679 Service Manual19 is an invaluable resource that bridges the gap between complex technology and effective maintenance. Its detailed content, clarity, and comprehensive coverage empower technicians to perform accurate diagnostics, repairs, and calibrations, thereby ensuring the device's optimal performance and longevity. While it requires a certain level of technical proficiency, its well-organized structure and thorough instructions make it accessible to dedicated professionals committed to quality service. As office technology continues to evolve, such manuals remain critical in safeguarding investments and maintaining operational efficiency. Organizations and technicians seeking to maximize the lifespan of their Xerox 6679 copiers should prioritize obtaining and thoroughly studying this manual. When used appropriately, the Service Manual19 not only facilitates effective troubleshooting but also fosters a culture of proactive maintenance, ultimately supporting business continuity and technological excellence. In summary, the Xerox 6679 Service Manual19 is more than just a repair guide; it is a cornerstone document that ensures the copier's performance, safety, and durability. Its comprehensive nature makes it a must-have resource for anyone involved in the operational maintenance of this versatile device.

QuestionAnswer

What are the key features of the Xerox 6679 service manual 19?

The Xerox 6679 service manual 19 provides detailed troubleshooting, maintenance procedures, parts diagnostics, and wiring diagrams specific to the Xerox 6679 copier model, ensuring technicians can efficiently service and maintain the device.

How can I troubleshoot common errors using the Xerox 6679 service manual 19?

The manual offers step-by-step troubleshooting guides for frequent error codes, including sensor issues, paper jams, and toner problems, helping technicians identify and resolve issues quickly.

Where can I find wiring diagrams in the Xerox 6679 service manual 19?

Wiring diagrams are typically located in the technical sections of the manual, specifically under the 'Electrical System' or 'Wiring Diagram' chapters, providing detailed schematics for repairs.

Does the Xerox 6679 service manual 19 include parts replacement procedures?

Yes, it includes comprehensive instructions for replacing key components such as rollers, fusers, sensors, and the toner cartridge, along with part numbers and assembly tips.

Is the Xerox 6679 service manual 19 suitable for novice technicians?

While it provides detailed technical information suitable for trained technicians, beginners may need additional training or support to fully utilize the manual's content.

How often should maintenance be performed according to the Xerox 6679 service manual 19?

The manual recommends routine maintenance schedules such as cleaning, replacing consumables, and inspecting parts every few thousand copies to ensure optimal performance.

Can I perform firmware updates using the instructions in the Xerox 6679 service manual 19?

The manual may include firmware update procedures, but it is recommended to follow official Xerox guidelines or consult authorized service centers for firmware-related tasks.

What safety precautions are highlighted in the Xerox 6679 service manual 19?

Safety precautions include disconnecting power before servicing, avoiding exposed electrical contacts, and handling toner and other chemicals with proper protective equipment.

Are there troubleshooting flowcharts available in the Xerox 6679 service manual 19?

Yes, the manual features troubleshooting flowcharts to guide technicians through diagnostic processes systematically for various issues.

How can I obtain the Xerox 6679 service manual 19?

The manual can typically be obtained through authorized Xerox service centers, official manuals repositories, or by contacting Xerox support directly for access or purchase.

Related keywords: Xerox 6679, service manual, photocopier repair, copier troubleshooting, Xerox

6679 parts, copier maintenance, printer service guide, Xerox 6679 manual download, copier troubleshooting tips, Xerox 6679 user manual

Xerox 3325 service manual

Xerox 3325 Service ManualThe Xerox 3325 is a versatile multifunction printer widely used in offices for its reliable performance, high-quality printing, and efficient scanning capabilities. To ensure optimal operation and to facilitate troubleshooting, having access to the Xerox 3325 service manual is essential for technicians, IT professionals, and even advanced users. This comprehensive guide provides detailed instructions on maintenance, repairs, troubleshooting, and servicing procedures, helping extend the lifespan of your device and minimize downtime.

Understanding the Xerox 3325 PrinterBefore diving into the specifics of the service manual, it's important to understand the key features and components of the Xerox 3325. This knowledge helps in diagnosing issues more effectively and understanding the instructions detailed in the manual.

Key Features of Xerox 3325

- Print, Copy, Scan, Fax Capabilities:** All-in-one functionality suitable for diverse office needs.
- Print Speed:** Up to 25 pages per minute.
- Resolution:** Up to 600 x 600 dpi for crisp printing.
- Paper Handling:** Standard paper tray capacity of 250 sheets with optional expandability.
- Connectivity:** USB, Ethernet, and Wi-Fi options.
- Energy Efficiency:** Designed with eco-friendly features to reduce power consumption.

Main Components

- Imaging Unit:** Responsible for transferring toner onto paper.
- Fuser Assembly:** Melts toner onto paper through heat and pressure.
- Paper Tray & Feeders:** Supply paper to the printing mechanism.
- Control Panel:** Interface for user commands and status monitoring.
- Main PCB (Printed Circuit Board):** Manages device operations and communication.

Importance of the Xerox 3325 Service ManualThe service manual serves as the ultimate resource for maintaining and repairing the Xerox 3325. It contains detailed diagrams, troubleshooting guides, parts lists, calibration procedures, and replacement instructions. Whether you're performing routine maintenance or addressing complex hardware failures, the manual helps ensure safety and correctness in your procedures.

Benefits of Using the Service Manual:

- Accurate troubleshooting steps to identify and resolve issues quickly.
- Proper disassembly and reassembly instructions to prevent damage.
- Correct replacement of consumables and spare parts.
- Calibration procedures to restore print quality.
- Safety guidelines to avoid electrical hazards.

How to Access the Xerox 3325 Service ManualObtaining the official service manual is crucial for accurate repair and maintenance. Here are several ways to access the manual:

- Official Xerox Resources**
- Authorized Service Centers:** Request a copy directly from Xerox authorized dealers.
- Xerox Support Website:** Many manuals are available for download in the support section.
- Customer Portal:** Registered users may access detailed manuals and firmware updates.
- Third-Party Sources**
- Online Forums & Communities:** Sometimes users share manuals and repair guides.
- Manuals Websites:** Platforms like ManualsLib or Scribd may host copies.

Note: Always verify the version and authenticity of the manual to ensure compatibility with your device.

Key Sections of the Xerox 3325 Service ManualUnderstanding the structure of the manual helps in

quickly locating the needed information. Typical sections include:

1. Safety Precautions
 - Electrical hazards
 - Handling of toner and other consumables
 - Proper tools and protective gear
2. Technical Specifications
 - Machine dimensions
 - Power requirements
 - Network configurations
3. Disassembly and Reassembly Procedures
 - Step-by-step guides
 - Exploded diagrams of components
 - Fastener types and locations
4. Troubleshooting Guides
 - Error codes and their meanings
 - Common hardware and software issues
 - Diagnostic procedures
5. Parts List and Diagrams
 - Consumables
 - Spare parts
 - Replacement components
6. Calibration and Adjustment Procedures
 - Print quality calibration
 - Sensor adjustments
 - Firmware updates
7. Maintenance Schedules
 - Routine checks
 - Cleaning instructions
 - Replacement intervals
 - Common Issues Addressed in the Xerox 3325 Service Manual

The manual covers a wide range of common and complex problems that users may encounter. Some of the typical issues include:

1. Paper Jams
 - Causes: Misaligned paper, worn rollers, foreign objects
 - Resolution steps: Clearing jam areas, inspecting rollers, replacing worn parts
2. Print Quality Problems
 - Causes: Toner clumping, dirty imaging units, calibration errors
 - Resolution steps: Cleaning components, recalibrating the device, replacing toner cartridges
3. Error Codes and Alerts
 - Understanding and troubleshooting specific error codes (e.g., "Paper Jam 01," "Toner Low")
 - Resetting error states after resolving issues
4. Connectivity Issues
 - Network misconfigurations
 - Driver problems
 - Firmware updates
5. Hardware Failures
 - Faulty fuser assembly
 - Defective control board
 - Motor failures

Servicing Procedures for the Xerox 3325

Proper servicing involves systematic procedures to ensure safety and device longevity. Here are some key procedures outlined in the manual:

1. Replacing the Toner Cartridge
 - Power off the device
 - Open the front cover
 - Carefully remove the empty toner cartridge
 - Insert the new cartridge, ensuring it clicks into place
 - Close the cover and power on the device
2. Clearing Paper Jams
 - Turn off the machine
 - Open access panels in the jammed area
 - Carefully remove jammed paper without tearing
 - Check rollers for wear and clean if necessary
 - Reassemble and test
3. Replacing the Imaging Unit
 - Power down and unplug the device
 - Remove the toner cartridge
 - Detach the imaging unit following the manual's instructions
 - Install the new imaging unit carefully
 - Reassemble and run calibration
4. Fuser Unit Replacement
 - Disassemble the rear or side panels
 - Detach the fuser assembly
 - Install the replacement part
 - Reassemble and test print quality
5. Performing Firmware Updates
 - Download the latest firmware from Xerox support
 - Connect the device via USB or network
 - Follow the update procedure detailed in the manual to avoid bricking the device

Maintenance Tips from the Xerox 3325 Service Manual

Regular maintenance prolongs the lifespan of your Xerox 3325 and ensures consistent performance. The manual recommends:

- Routine Cleaning:** Clean paper trays, rollers, and sensors periodically.
- Environmental Conditions:** Keep the printer in a dust-free, temperature-controlled environment.
- Use Genuine Consumables:** Using original toner and parts prevents damage and maintains quality.
- Software Updates:** Regularly check for firmware updates for improved features and security.
- Scheduled Calibration:** Perform calibration after replacing major components or if print quality declines.

Final Thoughts

The Xerox 3325 service manual is an invaluable resource for anyone responsible for the maintenance and repair of this multifunction printer. It provides detailed instructions, safety guidelines, troubleshooting tips, and calibration procedures necessary to keep your device running smoothly. Whether you're a professional technician or a knowledgeable user, having a comprehensive manual ensures that repairs are performed correctly and efficiently.

minimizing downtime and maintaining high-quality output. Remember: Always follow safety instructions and use appropriate tools when servicing your Xerox 3325. If you're unsure or faced with complex issues, consulting authorized service professionals is recommended to prevent further damage or voiding warranties. Keywords: Xerox 3325 service manual, Xerox 3325 troubleshooting, Xerox 3325 repair guide, Xerox 3325 parts, Xerox 3325 maintenance, Xerox 3325 calibration, Xerox 3325 error codes, Xerox 3325 toner replacement, Xerox 3325 paper jam fix

Xerox 3325 Service Manual: A Comprehensive Guide for Maintenance and Troubleshooting

Introduction The Xerox 3325 service manual is an essential resource for technicians, office managers, and authorized service providers responsible for maintaining and troubleshooting this multifunctional device. Known for its versatility in printing, copying, and scanning, the Xerox 3325 has become a staple in many organizational environments. However, like all complex office equipment, it requires regular upkeep and occasional repairs to ensure optimal performance. The official service manual provides detailed instructions, technical specifications, troubleshooting procedures, and maintenance guidelines designed to extend the lifespan of the device and minimize downtime. This article aims to explore the key features of the Xerox 3325 service manual, its importance for effective device management, and how users and technicians can leverage it to maintain the printer's efficiency.

Understanding the Xerox 3325 Multifunction Printer Before delving into the specifics of the service manual, it is crucial to understand the device itself.

Features and Capabilities The Xerox 3325 is an all-in-one device that combines printing, copying, scanning, and optional fax functionalities. It is designed for small to medium-sized offices, offering:

- Print Speed:** Up to 25 pages per minute (ppm)
- Print Resolution:** Up to 1200 x 1200 dpi for high-quality output
- Paper Handling:** Standard input trays with a capacity of up to 250 sheets
- Connectivity Options:** Ethernet, USB, and optional Wi-Fi
- User Interface:** Color touchscreen for ease of operation

Its robust functionality depends heavily on precise calibration, regular maintenance, and timely repairs—all processes supported by the service manual.

The Significance of the Xerox 3325 Service Manual The service manual is more than just a troubleshooting guide; it is a comprehensive technical document that encompasses the entire lifecycle management of the device.

Why is the service manual indispensable?

- Technical Reference:** Contains detailed schematics, circuit diagrams, and component specifications.
- Troubleshooting Procedures:** Step-by-step instructions to diagnose and resolve common issues.
- Maintenance Guidelines:** Procedures for cleaning, replacing consumables, and calibrating different parts.
- Parts List and Diagrams:** Visual aids and part numbers necessary for ordering replacements.
- Firmware and Software Updates:** Instructions for updating the device firmware to improve performance and security.
- Error Codes and Indicators:** Explanation of error messages and indicator lights for quick diagnosis.

Having access to the official manual ensures that repairs are performed correctly and efficiently, reducing the risk of further damage or voiding warranties.

Key Sections of the Xerox 3325 Service Manual The manual is structured into several critical sections, each serving a specific purpose for troubleshooting and maintenance.

General Specifications and Technical Data This section provides an overview of the device's technical

parameters, including electrical specifications, mechanical details, and environmental requirements. Understanding these parameters is crucial when diagnosing power issues or assessing compatibility.

Safety Precautions

Given the electrical components involved, safety is paramount. The manual emphasizes precautions such as disconnecting power before servicing, handling toner cartridges carefully, and avoiding exposure to high-voltage components.

Disassembly and Assembly Procedures

Step-by-step guides illustrate how to safely disassemble various parts of the device for cleaning or replacement, including:

- Document feeders
- Fuser assemblies
- Toner cartridges
- Main chassis panels

These procedures help technicians access internal components without causing damage.

Troubleshooting Guides

This is arguably the most valuable part of the manual, featuring:

- Common problems (e.g., paper jams, print quality issues, error messages)
- Logical flowcharts to identify root causes
- Suggested fixes and component checks
- Diagnostic routines using built-in test modes
- Parts List and Exploded Diagrams

Visual aids detail each component's location and part number, aiding in quick identification and ordering of replacements.

Firmware and Software Maintenance

Instructions for updating firmware, including prerequisites, download procedures, and installation steps, are provided to ensure the device runs the latest software versions.

Practical Applications of the Service Manual

The utility of the Xerox 3325 service manual extends beyond technicians—office administrators and even advanced users can benefit from its guidance.

Routine Maintenance

Replacing Consumables: Proper procedures for toner cartridges, imaging units, and paper trays.

Cleaning Procedures: Maintaining the scanner glass, document feeder rollers, and internal components to prevent print defects.

Calibration: Ensuring color accuracy and print clarity through calibration routines outlined in the manual.

Troubleshooting Common Issues

Paper Jams: Detailed steps to locate and clear paper jams without damaging internal parts.

Print Quality Problems: Diagnosing streaks, smudges, or faded prints by checking toner levels, drum units, or fuser temperature.

Error Codes: Interpreting error codes such as "Paper Jam 100" or "Fuser Error 341" with corresponding corrective actions.

Repair and Replacement

In cases of hardware failure, the manual guides technicians through disassembly, part replacement, and reassembly procedures, ensuring proper reinstallation and testing.

Challenges and Best Practices When Using the Service Manual

While the manual is comprehensive, users should be aware of certain challenges and adopt best practices:

- Technical Expertise Required:** Some procedures require a solid understanding of electronic components and safety protocols.
- Availability of Parts:** Ensuring access to genuine replacement parts as specified in the manual.
- Documentation Updates:** Using the most recent version of the manual to incorporate firmware updates and latest troubleshooting tips.

Proper Documentation: Keeping records of maintenance and repairs for warranty and future reference.

Best practices include:

- Always disconnect power before servicing.
- Wear anti-static wrist straps when handling sensitive electronic parts.
- Follow step-by-step instructions carefully.
- Use appropriate tools and protective equipment.
- Consult manufacturer or authorized service providers for complex repairs.

How to Obtain the Xerox 3325 Service Manual

Official service manuals are typically available through authorized Xerox service providers or via subscription-based platforms. Some third-party websites may offer downloadable versions, but caution should be exercised to ensure authenticity and completeness.

Key points when sourcing the manual:

- Verify the version and publication date.
- Confirm compatibility with your device serial number.
- Ensure access to updated or revision

manuals for the latest procedures. Conclusion The Xerox 3325 service manual is an indispensable tool for ensuring the longevity, performance, and reliability of this multifunction printer. Whether performing routine maintenance, troubleshooting errors, or executing hardware repairs, the manual's detailed instructions and technical information serve as the foundation for effective device management. For office administrators and technicians alike, investing time in understanding and utilizing the service manual can lead to significant cost savings, reduced downtime, and extended device lifespan. As technology continues to evolve, maintaining familiarity with official documentation remains a best practice in the efficient operation of office equipment like the Xerox 3325. By leveraging the insights and procedures contained within the service manual, users can ensure their Xerox 3325 remains a dependable asset in their daily workflow, delivering high-quality performance for years to come.

QuestionAnswer

Where can I find the official Xerox 3325 service manual?

You can access the official Xerox 3325 service manual through authorized Xerox support websites or by contacting Xerox customer service directly.

What are common troubleshooting steps for Xerox 3325 printer issues?

Common troubleshooting steps include checking for paper jams, replacing toner cartridges, resetting the printer, and updating firmware via the service manual instructions.

How do I replace the toner cartridge on the Xerox 3325?

The service manual provides detailed step-by-step instructions on removing the old toner cartridge and installing a new one safely and correctly.

What maintenance tasks are recommended for the Xerox 3325 according to the service manual?

Routine maintenance includes cleaning the paper path, replacing worn parts, updating firmware, and inspecting internal components as outlined in the service manual.

Can I perform firmware updates on the Xerox 3325 myself?

Yes, the service manual offers guidance on how to safely perform firmware updates, but it's recommended to follow all instructions carefully or seek professional assistance.

What are the error codes listed in the Xerox 3325 service manual, and how can I resolve them?

The service manual includes a list of error codes with descriptions and troubleshooting steps to resolve issues indicated by those codes.

Is there a detailed wiring diagram in the Xerox 3325 service manual?

Yes, the service manual contains wiring diagrams and schematic layouts essential for diagnosing electrical issues and repairs.

How often should the Xerox 3325 be serviced according to the manual?

The manual recommends routine servicing every few thousand pages or as indicated by error messages to ensure optimal performance.

Where can I purchase a digital or printed copy of the Xerox 3325 service manual?

Official Xerox parts and service manuals can be purchased through authorized distributors, or digital copies may be available through authorized online platforms or service providers.

Related keywords: Xerox 3325 troubleshooting, Xerox 3325 parts, Xerox 3325 user guide, Xerox 3325 toner replacement, Xerox 3325 error codes, Xerox 3325 maintenance, Xerox 3325 printer repair, Xerox 3325 drum unit, Xerox 3325 paper jam, Xerox 3325 calibration