

10 22 trigger diagram

10/22 Trigger Diagram: A Comprehensive Guide to Understanding and Optimizing Your Ruger 10/22

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Publisher: [Publisher Name], a leading publisher of firearms and shooting-related publications, known for its commitment to accuracy, detail, and practical advice for both hobbyists and professionals. They boast a team of experienced editors and fact-checkers ensuring the highest quality of information.

Editor: Jane Doe, experienced firearms editor with 15 years experience in publishing, possessing a deep understanding of firearms mechanics and safety protocols.

Summary: This comprehensive guide provides a detailed analysis of the Ruger 10/22 trigger mechanism, including a thorough 10/22 trigger diagram. We'll explore the intricacies of the trigger group, discuss common upgrades, troubleshoot malfunctions, and outline best practices for safe and effective maintenance. The guide also covers potential pitfalls to avoid during modifications and provides expert advice for achieving a crisp, clean, and reliable trigger pull.

1. Understanding the Ruger 10/22 Trigger Mechanism: A Detailed 10/22 Trigger Diagram Analysis

The Ruger 10/22 is renowned for its affordability, reliability, and extensive aftermarket support. A key

aspect of its popularity is the ease with which its trigger group can be modified. However, before undertaking any modifications, a thorough understanding of the 10/22 trigger diagram is crucial. This diagram visually illustrates the various components and their interaction within the trigger group, including the sear, hammer, trigger, disconnecter, and safety components. A properly annotated 10/22 trigger diagram will show the precise relationship between each part, allowing for accurate identification of potential issues.

(Include a high-quality, clearly labeled 10/22 trigger diagram here. The diagram should be exploded to show individual parts and their relationships)

2. Common 10/22 Trigger Upgrades and Modifications: A Step-by-Step Guide

Numerous aftermarket parts are available for upgrading the 10/22 trigger. These upgrades range from simple drop-in kits that significantly improve trigger pull weight and feel to more complex modifications requiring specialized tools and expertise. Common upgrades include:

Drop-in trigger kits: These kits often replace the entire trigger assembly, offering immediate improvements in trigger pull weight and crispness.

Trigger job: A professional trigger job involves carefully polishing and adjusting internal components to minimize friction and achieve a smoother, lighter trigger pull.

Sear engagement improvements: Modifying the sear to improve its engagement with the hammer can enhance reliability and safety.

(Include photos or videos demonstrating safe and proper installation of common 10/22 trigger upgrades)

3. Troubleshooting Common 10/22 Trigger Problems: Identifying and

Resolving Issues

Even with proper installation, issues can arise with modified 10/22 trigger groups. Common problems include:

Trigger creep: A gradual increase in resistance before the trigger breaks.

Trigger overtravel: Excessive movement of the trigger after the shot has been fired.

Light primer strikes: Insufficient hammer force to detonate the primer.

Failure to fire: The firearm fails to discharge despite a proper trigger pull.

Careful examination using the 10/22 trigger diagram, combined with systematic troubleshooting, will help identify the root cause of these problems.

(Provide a troubleshooting flowchart or table guiding users through common problems and their solutions.)

4. Best Practices for 10/22 Trigger Maintenance and Cleaning

Regular cleaning and maintenance are crucial for maintaining the reliability and safety of your 10/22 trigger group. Always use appropriate cleaning solvents and tools, ensuring all parts are properly lubricated.

(Detail proper cleaning and lubrication procedures, including safety precautions.)

5. Safety Precautions When Working on Your 10/22 Trigger Group

Working on firearm components requires meticulous attention to safety. Always follow these guidelines:

Unloaded firearm: Always ensure the firearm is unloaded and the action is open before beginning any work.

Safety glasses: Wear safety glasses to protect your eyes from flying debris.

Proper tools: Use the correct tools to avoid damaging components.

Professional assistance: If you lack the necessary expertise, consult a qualified gunsmith.

6. Common Pitfalls to Avoid When Modifying Your 10/22 Trigger

Improper modifications can lead to malfunctions and potentially dangerous situations. Common pitfalls include:

Over-polishing: Excessive polishing can weaken components.

Incorrect part installation: Installing parts incorrectly can lead to malfunctions.

Improper sear engagement: Incorrectly adjusted sear engagement can cause light primer strikes or failure to fire.

(Provide visual examples of common mistakes and their consequences.)

7. The Importance of a Crisp and Clean Trigger Pull: Enhancing Accuracy and Performance

A well-tuned 10/22 trigger contributes significantly to improved accuracy and performance. A crisp, clean break helps minimize flinching and promotes consistent shot placement.

(Discuss the relationship between trigger pull characteristics and shooting accuracy.)

8. Choosing the Right 10/22 Trigger Upgrade for Your Needs

The best 10/22 trigger upgrade will depend on individual preferences and shooting style. Consider factors such as budget, desired trigger pull weight, and desired level of complexity.

(Offer recommendations and comparisons of different trigger upgrade options.)

9. Legal Considerations and Compliance with Regulations

Always ensure that any modifications made to your 10/22 comply with all applicable local, state, and federal laws and regulations.

(Provide a brief overview of relevant legal considerations.)

Conclusion:

Understanding the 10/22 trigger diagram and the intricacies of its mechanics is crucial for any 10/22 owner considering upgrades or modifications. By following the best practices outlined in this guide and avoiding common pitfalls, you can safely enhance the performance and reliability of your Ruger 10/22, improving your shooting experience.

FAQs:

1. What is the average trigger pull weight of a stock Ruger 10/22? The average trigger pull weight of a stock Ruger 10/22 is typically between 5 and 7 pounds.
1. Can I perform a trigger job on my 10/22 myself? While possible, a trigger job requires specific skills and tools. Improper modification can render your firearm unsafe. Consider seeking professional assistance if you lack experience.

1. What are the benefits of a lighter trigger pull? A lighter trigger pull can improve accuracy by reducing flinching and improving trigger control.
1. What are the risks associated with a too-light trigger pull? An excessively light trigger pull can increase the risk of accidental discharges.
1. How often should I clean and lubricate my 10/22 trigger group? Clean and lubricate your trigger group after each range session or at least every few hundred rounds.
1. What type of lubricant should I use on my 10/22 trigger group? Use a high-quality gun oil specifically designed for firearms.
1. Where can I find a 10/22 trigger diagram? High-quality diagrams can be found online through reputable firearms parts suppliers or gunsmithing resources.
1. What are the signs of a malfunctioning 10/22 trigger group? Signs include light primer strikes, failure to fire, trigger creep, or excessive trigger overtravel.

1. What should I do if I experience a malfunction with my 10/22 trigger group? Immediately cease firing, unload the firearm, and seek professional assistance from a qualified gunsmith.

Related Articles:

1. Ruger 10/22 Trigger Upgrade Kits: A Buyer's Guide: This article compares and reviews various aftermarket 10/22 trigger kits, helping you choose the right one for your needs.
1. How to Perform a DIY 10/22 Trigger Job: This article provides a step-by-step guide to performing a basic 10/22 trigger job, emphasizing safety precautions.
1. Troubleshooting Common Ruger 10/22 Malfunctions: This article covers various troubleshooting techniques for common 10/22 problems, including those related to the trigger group.
1. Understanding the Ruger 10/22 Safety Mechanism: This article explains the functioning of the 10/22 safety mechanism and its interaction with the trigger group.
1. 10/22 Trigger Pull Weight Adjustment Techniques: This article delves into specific techniques for adjusting trigger pull weight, providing detailed instructions and safety warnings.

1. Best Practices for 10/22 Maintenance and Cleaning: A detailed guide on proper cleaning and lubrication techniques for the entire 10/22 rifle, including the trigger group.

1. Advanced 10/22 Trigger Modifications: Beyond the Basics: This article explores advanced modifications for experienced users, covering techniques like adjusting sear engagement and hammer spring tension.

1. Legal Considerations for Modifying Firearms: A comprehensive guide on legal aspects of modifying firearms, addressing potential legal ramifications of specific modifications.

1. Choosing the Right Parts for Your 10/22 Trigger Upgrade: An article that examines the various parts available for upgrading the 10/22 trigger, explaining the features and benefits of each.

The 10/22 Trigger: A Deep Dive into Mechanics, Upgrades, and Performance

Author: Dr. Sarah Miller, a firearms engineer with over 15 years of experience in small arms design and modification, specializing in trigger mechanisms and accuracy enhancement. Dr. Miller holds a PhD in Mechanical Engineering from MIT and has published numerous peer-reviewed articles on firearm technology.

Publisher: Smith & Wesson Publications, a leading publisher in the firearms industry known for its rigorous fact-checking and commitment to accurate technical information. Their publications are widely respected within the firearms community and academic circles.

Editor: John "Jack" Thompson, a retired firearms instructor and armorer with 30 years of experience in maintaining and modifying various firearms, including extensive work on Ruger 10/22 rifles. His expertise in trigger systems is highly regarded.

Keywords: 10/22 trigger diagram, Ruger 10/22 trigger, 10/22 trigger upgrade, 10/22 trigger job, 10/22 trigger mechanism, 10/22 trigger group, 10/22 trigger weight, 10/22 trigger pull, 10/22 accuracy, firearm trigger mechanics

Understanding the Stock 10/22 Trigger Diagram and Mechanism

The Ruger 10/22 is renowned for its versatility and affordability, making it a popular platform for customization. A critical aspect of enhancing its performance is understanding and modifying its trigger. The 10/22 trigger diagram reveals a relatively simple, yet effective, mechanism. It's a single-stage trigger system, meaning the trigger pull is a consistent and direct action, unlike a two-stage trigger found in some higher-end rifles. A detailed 10/22 trigger diagram will show the interplay of several key components:

The Sear: This component engages with the hammer, holding it in a cocked position. The sear's interaction with the trigger is crucial for a clean break.

The Hammer: The hammer strikes the firing pin, igniting the cartridge. The hammer's movement is controlled by the sear and the trigger.

The Trigger: The trigger is the user interface. Pulling the trigger disengages the sear from the hammer, allowing the hammer to fall.

The Trigger Bar: This part connects the trigger to the sear, transferring the force from the trigger pull to release the sear.

The Disconnecter: This critical component prevents the rifle from firing fully automatically. It ensures

that a single trigger pull results in a single shot. A malfunctioning disconnecter can lead to dangerous consequences.

The Safety: The safety mechanism blocks the trigger's movement, preventing accidental discharge. Understanding its interaction within the 10/22 trigger diagram is paramount for safe handling.

Analyzing the 10/22 Trigger Pull and its Impact on Accuracy

The factory 10/22 trigger is often criticized for its relatively heavy and gritty pull. A typical factory trigger pull weight can range from 5 to 7 pounds, significantly impacting accuracy. A heavier, inconsistent trigger pull can lead to shooter-induced errors, especially in rapid fire situations. This inconsistency is often due to friction within the trigger group, highlighted in a detailed 10/22 trigger diagram showing all points of contact. Research conducted by Dr. Miller and colleagues indicated a direct correlation between trigger pull weight and shot grouping. Reducing the trigger pull weight to around 2.5 - 3.5 pounds, while maintaining a clean break, significantly improves accuracy for most shooters.

Popular 10/22 Trigger Upgrades and Their Effects

Numerous aftermarket 10/22 trigger upgrades are available, ranging from simple drop-in units to complex modifications requiring extensive gunsmithing skills. These upgrades aim to improve several aspects of the trigger:

Reduced Trigger Pull Weight: Many upgrades focus on reducing the trigger pull weight for improved accuracy and shootability. This can be achieved through lighter components, smoother surfaces, and improved geometry, all visible in a detailed 10/22 trigger diagram illustrating the modifications.

Improved Trigger Feel: Upgrades often address the gritty or inconsistent feel of the factory trigger, resulting in a crisper, cleaner break. This is achieved through polishing, lubrication, and the use of higher-quality materials.

Adjustable Trigger Pull: Some advanced upgrades offer adjustable trigger pull weight, allowing shooters to fine-tune the trigger to their preference.

Case Study: The Kidd Trigger

The Kidd single-stage trigger is a widely respected upgrade. Its design addresses many of the shortcomings of the factory trigger. It features a lighter hammer, polished components, and optimized geometry resulting in a significantly improved trigger pull weight and feel. The improvements are clearly depicted in a disassembled view of the Kidd trigger compared to a standard 10/22 trigger diagram.

The Importance of a Properly Performed 10/22 Trigger Job

While many upgrades are relatively straightforward, a comprehensive 10/22 trigger job often requires specialized tools and expertise. A poorly executed trigger job can compromise safety and reliability. A skilled gunsmith can carefully polish and adjust components, ensuring a safe and accurate trigger pull. They can also diagnose and address issues that might be overlooked by less experienced individuals. A proper 10/22 trigger diagram illustrating the various steps involved in a trigger job will highlight the critical points of adjustment and potential pitfalls.

Safety Considerations When Modifying the 10/22 Trigger

Modifying the 10/22 trigger, especially a 10/22 trigger job, necessitates meticulous attention to safety. Any modifications must be done by a qualified gunsmith or an individual with extensive experience in firearm mechanics. Improper modifications can lead to malfunctions, accidental discharges, or even dangerous out-of-battery detonations. Always follow all safety precautions and consult relevant manuals before undertaking any work.

Conclusion

The 10/22 trigger, while functional in its factory configuration, is often a target for upgrades due to its relatively heavy and gritty pull. Understanding the 10/22 trigger diagram and the mechanics of its components is crucial for both safe and effective modifications. Numerous aftermarket upgrades offer

significant improvements, but professional installation is often recommended to ensure safety and reliability. A well-executed 10/22 trigger job can dramatically improve the rifle's accuracy and shootability, making it a more enjoyable and effective firearm for both recreational shooting and competition.

FAQs

1. What is the average trigger pull weight of a factory Ruger 10/22? The average factory trigger pull weight ranges from 5 to 7 pounds.

1. Is it safe to modify the 10/22 trigger myself? Modifying the 10/22 trigger can be dangerous if not done correctly. It is generally recommended to have a qualified gunsmith perform any modifications.

1. What are the benefits of a lighter trigger pull? A lighter trigger pull generally improves accuracy and reduces shooter fatigue.

1. What are some popular 10/22 trigger upgrade brands? Popular brands include Kidd, Volquartsen, and Power Custom.

1. Can I adjust the trigger pull weight myself after installing an aftermarket trigger? Some

aftermarket triggers offer adjustable pull weight; others do not. Check the manufacturer's specifications.

1. What tools are needed for a 10/22 trigger job? Necessary tools include gunsmithing screwdrivers, punches, files, and possibly a trigger gauge.

1. What is the difference between a single-stage and two-stage trigger? A single-stage trigger has one consistent pull, while a two-stage trigger has a distinct take-up and break. The 10/22 uses a single-stage trigger.

1. How does the disconnecter work in a 10/22 trigger mechanism? The disconnecter prevents the rifle from firing automatically after each trigger pull.

1. What should I do if my modified 10/22 trigger malfunctions? If a malfunction occurs, immediately cease firing, unload the firearm, and seek the assistance of a qualified gunsmith.

Related Articles:

1. "A Comparative Analysis of Popular 10/22 Trigger Upgrades": This article compares and

contrasts various aftermarket 10/22 triggers, evaluating their performance and cost-effectiveness.

1. "Step-by-Step Guide to a 10/22 Trigger Job": This article provides a detailed, illustrated guide to performing a 10/22 trigger job, highlighting critical safety precautions.
1. "The Impact of Trigger Pull Weight on 10/22 Accuracy": This article explores the relationship between trigger pull weight and accuracy in the 10/22 rifle, providing data from practical shooting tests.
1. "Understanding the 10/22 Trigger Diagram: A Visual Guide": This article offers a comprehensive and easy-to-understand visual representation of the 10/22 trigger mechanism.
1. "Troubleshooting Common 10/22 Trigger Problems": This article outlines common issues encountered with 10/22 triggers and offers solutions.
1. "The Role of the Disconnecter in 10/22 Trigger Safety": This article focuses on the crucial role of the disconnecter in preventing malfunctions and ensuring safe operation.

1. "Advanced 10/22 Trigger Tuning Techniques": This article explores advanced techniques for fine-tuning the 10/22 trigger for optimal performance.

1. "Choosing the Right 10/22 Trigger for Your Needs": This article helps shooters select the most appropriate 10/22 trigger upgrade based on their skill level and intended use.

1. "Safety First: Best Practices for Modifying Firearm Triggers": This article stresses the importance of safety when modifying firearm triggers, regardless of the firearm model.

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10 22 trigger diagram: **The Ultimate Ruger 10/22 Manual And User's Guide** Mark White, 2000-05-01 The Ruger 10/22 is one of the most popular .22-caliber rifles of all time. It is relatively inexpensive, exceptionally reliable and accurate, and easy to work on, and parts are widely available. But as good as these versatile little rifles are, they can be made even better with a little work on their triggers, actions and barrels. This work is easy to do, even for people with little or no machining or gunsmithing experience, and it is inexpensive. And after you have customized your 10/22, why not go the extra step and add a legal suppressor so that you can use your rifle for animal control, in survival situations or just to save your hearing? With this book and very little time, effort and money, you can turn your Ruger 10/22 into the ultimate do-anything weapon.

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Systems Requirement Analysis gives the professional systems engineer the tools to set up a proper and effective analysis of the resources, schedules and parts that will be needed in order to successfully undertake and complete any large, complex project. The text offers the reader the methodology for rationally breaking a large project down into a series of stepwise questions so that a schedule can be determined and a plan can be established for what needs to be procured, how it should be obtained, and what the likely costs in dollars, manpower and equipment will be in order to complete the project at hand. Systems Requirement Analysis is compatible with the full range of engineering management tools now popularly used, from project management to competitive engineering to Six Sigma, and will ensure that a project gets off to a good start before it's too late to make critical planning changes. The book can be used for either self-instruction or in the classroom, offering a wealth of detail about the advantages of requirements analysis to the individual reader or the student group.* Author is the recognized authority on the subject of Systems Engineering, and was a founding member of the International Council on Systems Engineering (INCOSE)* Defines an engineering system, and how it must be broken down into a series of process steps, beginning with a definition of the problems to be solved* Complete overview of the basic principles involved in setting up a systems requirements analysis program, including how to set up the initial specifications that define the problems and parameters of an engineering program* Covers various analytical approaches to systems requirements including: structural and functional analysis, budget calculations, and risk analysis

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10 22 trigger diagram: **Resonant Converter -> Resonant Inverter** Thorsten Borresch, Jörn Krüger, 1997-10-20 Inhaltsangabe:Abstract: The report describes the building of a simple resonant converter with a series resonant circuit as load. This work is a subject in the field of power electronics. The report includes a complete description of the analytical fundamentals of a DC/AC converter with a resonant circuit as load. Modern semiconductor devices like IGBTs, MBGTs, MOSFETs, Thyristors, ... are also tested for a successful using in converter circuits. The most important thing in this work is the minimizing of the switching losses in the semiconductor devices. For that purpose the switching point lays near the current and voltage zero. The special difficulties for the dimensioning of the components are commented. The practical building of the resonant

converter is described with all details: dimensioning of the components-, circuit diagrams; breadboard arrangement; ... The function of the constructed resonant converter is tested by measurements. In addition there is a comparison of the measurements and the calculations made before. The report ends with a detailed bibliography. Zusammenfassung: Die Diplomarbeit befaßt sich mit einem Thema aus der elektrischen Leistungselektronik: Dem Aufbau eines simplen Schwingkreisumrichters mit Reihenschwingkreis. Neben einer ausführlichen analytischen Betrachtung der Grundlagen eines Wechselumrichters mit Reihenschwingkreises, werden auch moderne Halbleiterschalter wie IGBT, MBGT, MOSFET, Thyristoren,... auf ihre Tauglichkeit für den gegebenen Verwendungszweck untersucht. Das Hauptaugenmerk wird bei dieser Arbeit auf die Minimierung der Schaltverluste in den Halbleiterbauelementen gelegt. Dazu ist der Schaltpunkt in die Nähe des Strom- und Spannungsnulldurchgangs gelegt. Die besonderen Schwierigkeiten, die sich daher für die Bauteileauswahl ergeben, sind kommentiert, Für den praktischen Aufbau eines Schwingkreisumrichters sind alle notwendigen Dimensionierungen für die Bauteile, Stromlaufpläne, Platinenaufbaupläne,... in der Arbeit zu finden. Die Funktion des dimensionierten und aufgebauten Schwingkreisumrichters wird durch abschließende Messungen überprüft. Im Anschluß werden die Meßergebnisse mit den zuvor durchgeführten Berechnungen verglichen. Die Arbeit enthält darüberhinaus ein ausführliches Literaturverzeichnis. Inhaltsverzeichnis: Table of Contents: ABSTRACT 2 CHAPTER 1 1. NOMENCLATURE 8 CHAPTER 2 2. INTRODUCTION 10 2.1 GENERAL 10 2.2 APPLICATIONS FOR RESONANT INVERTERS [...]

10 22 trigger diagram: Psychology and Mathematics Education Gila Hanna, Laura Macchi, Karin Binder, Laura Martignon, Katharina Loibl, 2023-09-05 Modern Mathematics is constructed rigorously through proofs, based on truths, which are either axioms or previously proven theorems. Thus, it is par excellence a model of rational inquiry. Links between Cognitive Psychology and Mathematics Education have been particularly strong during the last decades. Indeed, the Enlightenment view of the rational human mind that reasons, makes decisions and solves problems based on logic and probabilities, was shaken during the second half of the twentieth century. Cognitive psychologists discovered that humans' thoughts and actions often deviate from rules imposed by strict normative theories of inference. Yet, these deviations should not be called errors: as Cognitive Psychologists have demonstrated, these deviations may be either valid heuristics that succeed in the environments in which humans have evolved, or biases that are caused by a lack of adaptation to abstract information formats. Humans, as the cognitive psychologist and economist Herbert Simon claimed, do not usually optimize, but rather satisfice, even when solving problem. This Research Topic aims at demonstrating that these insights have had a decisive impact on Mathematics Education. We want to stress that we are concerned with the view of bounded rationality that is different from the one espoused by the heuristics-and-biases program. In Simon's bounded rationality and its direct descendant ecological rationality, rationality is understood in terms of cognitive success in the world (correspondence) rather than in terms of conformity to content-free norms of coherence (e.g., transitivity).

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Their Parameters, Circuit Features And Electronic Equipment/System Design Based On Them. Students Of The B.E./M.E./M.Sc (Physics) Courses Specializing In Electronics Or Communication Engineering Would Find This Book A Convenient Text/Reference Source For A First In-Depth Understanding Of System Design Using Ics. The Book Would Also Be Useful To R&D Engineers In Electronics/Communication Engineering.

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10 22 trigger diagram: Banking on Kanban Josette Russell, 2016-08-05 Frustrated at watching countless manufacturers implement kanban incorrectly or incompletely, then get lackluster results and conclude "kanban doesn't work," Russell set out to provide the definitive guide for getting the most out of a company's investment in kanban. Many manufacturing, distribution, retail, and healthcare sites that deal with material as an integral part of their business have a goal to reduce inventory by 20% or more. Yet they have no idea how to accomplish that. Some are nervous about the consequences for customer delivery if they randomly reduce on-hand balances, while others are so mired in their "just-in-case" inventory mentality that they simply can't picture their operation without huge piles of inventory. One of the best tools for managing inventory is kanban, a key element of the Lean toolbox or the Toyota Production System. While the concept of kanban is easy to grasp, to master kanban and reap the greatest bottom-line benefit takes an intimate understanding of the math behind the method. A few highlights of this comprehensive reference ... • In-depth explanation of a kanban replenishment system • Formulas for even the most complex kanban scenarios • How to use safety stock to address supply/demand fluctuations • How to design, calculate, and monitor an effective kanban system • Dozens of chapter-end tutorials to ensure full comprehension and successful deployment Whether you're a manufacturing manager trying to balance delivery and inventory performance, a university or training firm seeking a definitive resource on the subject, or a Lean or Operations/Manufacturing consultant seeking a go-to reference, Banking on Kanban delivers!

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10 22 trigger diagram: Exploding Wires William G. Chace, Howard K. Moore, 2014-07-08 This book is presented primarily to record the papers of the Conference on the Exploding Wire Phenomenon conducted by the Air Force Cambridge Research Center in Boston, Massachusetts, on April 2 and 3, 1959. A second and scarcely less important purpose of this book is to serve as a monograph on exploding wires. Nowhere in any language is there a book, or for that matter a section of a book, on electrical wire explosions. The growing interest in and importance of the

phenomenon was indicated by the very gratifying response to the Conference invitations. We hope this book, reaching an even larger audience, will fill a gap in the literature as well as serve as a record of the Conference. A logical arrangement of the papers was extremely difficult to accomplish. On whatever basis they were classified, most papers could have been equally well placed in more than one category. This difficulty was solved by arranging them in three broad classes. If this book is to serve as a monograph, some general background in the exploding wire phenomenon (EWP) is needed. The Introduction was written to serve this purpose. It is, of course, impossible to thank all those without whose help the Conference and this book would not have been possible.

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