

hesston 6665 header parts

hesston 6665 header parts are essential components for ensuring optimal performance and longevity of the Hesston 6665 header, a widely used agricultural implement in harvesting operations. This article provides an in-depth exploration of the various parts that constitute the Hesston 6665 header, highlighting their functions, maintenance requirements, and common replacement needs. Understanding the individual parts and their roles helps operators maintain efficiency and reduce downtime during critical harvesting periods. Additionally, the article discusses sourcing genuine replacement parts and tips for identifying wear and tear. Whether you are a farmer, mechanic, or equipment dealer, this comprehensive guide will enhance your knowledge of Hesston 6665 header parts and their importance in agricultural productivity.

- Overview of Hesston 6665 Header
- Key Components of Hesston 6665 Header Parts
- Maintenance and Replacement of Hesston 6665 Header Parts
- Common Issues and Troubleshooting
- Sourcing Genuine Hesston 6665 Header Parts

Overview of Hesston 6665 Header

The Hesston 6665 header is a robust and reliable cutting platform designed for use with combines in the harvesting of small grains and other crops. It is known for its durability and efficient cutting capability, which helps improve harvesting speed and reduce crop loss. The header typically features a wide cutting width, adjustable reel, and a powerful auger system to feed crops evenly into the combine. Understanding the construction and operational principles of the Hesston 6665 header is crucial for effective maintenance and troubleshooting.

Design and Functionality

The design of the Hesston 6665 header incorporates a sickle bar cutting system combined with an auger and reel for crop gathering. The sickle bar uses reciprocating blades to slice through crops, while the auger moves the cut material toward the feeder house. The reel assists in directing crops smoothly toward the cutter bar and auger, ensuring even flow and minimizing losses. This coordinated mechanism allows for efficient harvesting in a variety of field conditions.

Applications in Agriculture

Hesston 6665 headers are predominantly used in small grain harvesting, including wheat, barley, oats, and rye. Their adaptability and ruggedness also make them suitable for other crops that require similar cutting and feeding mechanisms. Farmers rely on these headers to maximize yield by reducing crop damage and enhancing combine throughput.

Key Components of Hesston 6665 Header Parts

The Hesston 6665 header consists of multiple parts, each playing a vital role in its operation. Familiarity with these components assists in proper maintenance and ensures timely replacement to prevent breakdowns.

Sickle Sections and Guards

Sickle sections are the cutting blades that move back and forth to shear the crop at the base. They work in conjunction with guards that hold the crop steady during cutting and protect the blades from damage. Both parts are subject to wear and need regular inspection.

Reel Assembly

The reel is a rotating mechanism that directs the crop toward the cutter bar and auger. It consists of reel arms, bats, and tines. Proper adjustment of the reel height and speed is critical to avoid crop shatter and ensure smooth feeding.

Auger and Flighting

The auger is responsible for gathering cut crops and moving them laterally toward the feeder house. The flighting on the auger rotates to push the material evenly. Worn flighting can lead to inefficient feeding and crop loss.

Drive Components

These include chains, sprockets, belts, and gearboxes that transmit power from the combine to the header parts. Maintaining proper tension and lubrication of these components is essential for smooth operation.

Hydraulic Cylinders and Linkages

Hydraulic systems control the header's height and angle adjustments. Cylinders and linkages must be inspected for leaks or damage to maintain precise header positioning during harvesting.

Other Essential Parts

- End Plates – Protect the auger and frame ends
- Skid Shoes – Support the header and maintain cutting height
- Crop Dividers – Separate crop rows for clean cutting
- Header Frame – Main structural support for all components

Maintenance and Replacement of Hesston 6665 Header Parts

Regular maintenance of Hesston 6665 header parts is critical to extend the life of the header and maintain harvesting efficiency. Scheduled checks and timely replacement prevent costly downtime during peak seasons.

Inspection Routines

Operators should conduct routine inspections before and after each harvest. Key focus areas include checking the condition of sickle sections and guards for dullness or damage, reel tines for breakage, auger flighting for wear, and drive components for proper tension and lubrication.

Lubrication and Cleaning

Proper lubrication of moving parts such as chains, bearings, and gearboxes reduces friction and wear. Cleaning the header to remove dirt, crop residue, and debris prevents corrosion and mechanical issues.

Replacement Guidelines

Worn or damaged parts should be replaced promptly with compatible components. Common replacement parts include sickle sections, guards, reel tines, auger flighting, and drive chains. Using genuine Hesston 6665 header parts ensures compatibility and durability.

Common Issues and Troubleshooting

Despite its robust design, the Hesston 6665 header may encounter operational problems. Identifying common issues early can save time and resources.

Excessive Crop Loss

Crop loss can result from dull sickle sections, improper reel adjustment, or damaged auger flighting. Inspecting and replacing worn blades or adjusting reel height can mitigate this issue.

Uneven Crop Feeding

Feed inconsistencies may be caused by damaged or misaligned auger flighting, worn drive components, or faulty reel mechanisms. Regular inspection and repair ensure smooth crop flow into the combine.

Hydraulic Failures

Leaks or malfunctioning hydraulic cylinders can affect header height control and angle adjustments. Checking hydraulic fluid levels and repairing seals or cylinders restores proper function.

Drive System Problems

Broken chains or worn sprockets can halt header operation. Maintaining correct chain tension and replacing damaged components keeps the header running efficiently.

Sourcing Genuine Hesston 6665 Header Parts

Obtaining authentic replacement parts is vital for maintaining the integrity and performance of the Hesston 6665 header. Genuine parts are manufactured to precise specifications and withstand demanding field conditions.

Authorized Dealers and Suppliers

Authorized dealers provide access to original Hesston 6665 header parts, ensuring quality and warranty coverage. They also offer expert advice on part selection and compatibility.

Aftermarket Alternatives

While aftermarket parts may be available at lower costs, they vary in quality and fit. Careful evaluation is necessary before opting for non-genuine components.

Online Marketplaces

Many operators source parts online for convenience. It is important to verify the seller's

reputation and confirm part numbers to avoid receiving incorrect or substandard components.

Inventory Management Tips

- Keep a record of frequently replaced parts
- Order critical spares before harvest season
- Inspect parts upon receipt for damage or defects
- Store parts in a clean, dry environment to prevent corrosion

Frequently Asked Questions

What are the most common replacement parts for a Hesston 6665 header?

Common replacement parts for a Hesston 6665 header include cutting blades, reel fingers, auger sections, sickle guards, drive chains, and hydraulic components.

Where can I purchase genuine Hesston 6665 header parts?

Genuine Hesston 6665 header parts can be purchased through authorized Hesston dealers, agricultural equipment suppliers, or online marketplaces specializing in farm equipment parts.

How often should I inspect and replace the cutting blades on a Hesston 6665 header?

Cutting blades on a Hesston 6665 header should be inspected before every harvesting season and replaced as needed, typically every 1-2 seasons depending on usage and crop conditions.

Are there aftermarket parts available for the Hesston 6665 header, and are they reliable?

Yes, there are aftermarket parts available for the Hesston 6665 header, but their reliability can vary. It is recommended to choose reputable brands and verify compatibility to ensure optimal performance.

What maintenance tips can help extend the life of Hesston 6665 header parts?

Regular cleaning, lubrication of moving parts, timely replacement of worn components, and proper storage during the off-season can help extend the life of Hesston 6665 header parts.

How do I identify the correct part number for a Hesston 6665 header component?

The correct part number can be identified by consulting the Hesston 6665 header parts manual, checking the part itself for stamped numbers, or contacting an authorized Hesston dealer with your header's serial number.

Can I upgrade certain parts on the Hesston 6665 header for better performance?

Yes, some parts like reel fingers, augers, and cutter bars can be upgraded to newer or more durable versions to improve harvesting efficiency and reduce downtime.

Additional Resources

1. *Hesston 6665 Header Parts: A Comprehensive Guide*

This book offers an in-depth look at the various components that make up the Hesston 6665 header. It includes detailed diagrams and descriptions of each part, helping owners and mechanics identify and understand their functions. The guide is perfect for anyone looking to maintain or repair their header efficiently.

2. *Maintenance and Repair of Hesston 6665 Headers*

Focused on practical maintenance tips, this book walks readers through routine checks and repairs of Hesston 6665 header parts. It covers lubrication, part replacement, and troubleshooting common issues to keep the header running smoothly during harvest season. The step-by-step instructions are accompanied by clear images for easier understanding.

3. *Hesston 6665 Header Parts Illustrated Catalog*

An essential reference for farmers and repair shops, this illustrated catalog features high-quality images and part numbers for every component of the Hesston 6665 header. Users can quickly find the exact parts needed for their machines, ensuring accurate ordering and timely repairs. The catalog is organized for quick navigation and ease of use.

4. *Understanding the Cutting System of Hesston 6665 Headers*

This book delves into the cutting mechanism of the Hesston 6665 header, explaining how each part contributes to efficient crop harvesting. It covers knives, guards, and the sickle bar system, offering insights into common wear points and how to optimize performance. Ideal for operators aiming to maximize cutting efficiency.

5. *Upgrading Hesston 6665 Header Parts for Better Performance*

For those looking to enhance their header's capabilities, this book explores aftermarket

parts and modifications that improve durability and efficiency. It discusses compatible upgrades, installation tips, and the benefits of modern components over stock parts. The guide is useful for farmers wanting to extend the life and productivity of their headers.

6. Troubleshooting Hesston 6665 Header Part Failures

This troubleshooting manual identifies common problems encountered with Hesston 6665 header parts and provides solutions for each. It helps readers diagnose issues such as unusual noises, reduced cutting quality, and mechanical failures. The book includes practical advice to fix problems quickly and minimize downtime.

7. Restoring Vintage Hesston 6665 Headers: Parts and Techniques

Aimed at enthusiasts and restorers, this book covers the process of bringing old Hesston 6665 headers back to working condition. It highlights the challenges of sourcing original parts and offers guidance on refurbishing components to maintain authenticity. The book also shares tips for preserving the header's historical value.

8. Hesston 6665 Header Parts Safety and Handling

Safety is paramount when working with heavy machinery, and this guide emphasizes the correct handling of Hesston 6665 header parts. It outlines best practices for disassembly, cleaning, and reassembly to prevent accidents and equipment damage. The book also covers protective gear recommendations and safety checklists.

9. Installing and Adjusting Hesston 6665 Header Components

This instructional book focuses on the installation and adjustment procedures for key Hesston 6665 header parts. It provides detailed guidance on setting up the header for optimal performance, including alignment of the reel, auger adjustments, and knife bar tensioning. The clear instructions support both novice and experienced users in achieving precise setups.

Hesston 6665 Header Parts

Hesston 6665 Header Parts: A Comprehensive Guide to Maintenance, Repair, and Sourcing

This ebook provides a detailed exploration of Hesston 6665 header parts, covering their identification, sourcing, maintenance, repair, and troubleshooting, crucial for maximizing the efficiency and lifespan of this vital piece of harvesting equipment. This information is essential for farmers, agricultural mechanics, and equipment dealerships alike.

Ebook Title: Hesston 6665 Header: A Complete Parts Guide for Maintenance and Repair

Contents:

Introduction: Understanding the Hesston 6665 Header and its Components.

Chapter 1: Identifying Hesston 6665 Header Parts: Nomenclature, diagrams, and part numbers.

Chapter 2: Common Problems and Troubleshooting: Diagnosing issues and identifying faulty parts.

Chapter 3: Sourcing Hesston 6665 Header Parts: Dealers, online retailers, and salvage yards.

Chapter 4: Maintenance and Preventative Care: Regular inspection, lubrication, and cleaning.

Chapter 5: Repairing Hesston 6665 Header Parts: Welding, fabrication, and replacement techniques.

Chapter 6: Safety Precautions When Working on the Header: Essential safety measures to avoid injury.

Conclusion: Maximizing the lifespan and performance of your Hesston 6665 Header.

Introduction: This section introduces the Hesston 6665 header, explaining its function within a larger harvesting system and highlighting the importance of maintaining its various components for optimal performance and yield. It will also briefly cover the header's design and key features.

Chapter 1: Identifying Hesston 6665 Header Parts: This chapter provides a detailed breakdown of the Hesston 6665 header's components, using diagrams, illustrations, and part numbers from official Hesston documentation or readily available online resources. This will allow readers to quickly identify specific parts for ordering or repair.

Chapter 2: Common Problems and Troubleshooting: This section focuses on common issues encountered with Hesston 6665 headers, such as worn knives, damaged augers, clogged conveyors, or hydraulic leaks. It details troubleshooting steps to diagnose the problem and pinpoint the faulty part.

Chapter 3: Sourcing Hesston 6665 Header Parts: This chapter is a practical guide to finding replacement parts. It will discuss various avenues, including authorized Hesston dealers, online marketplaces (like eBay and Amazon), agricultural equipment supply stores, and even salvage yards. It will also compare the pros and cons of each sourcing method, focusing on factors like cost, availability, and part authenticity.

Chapter 4: Maintenance and Preventative Care: This chapter provides a detailed maintenance schedule, including regular inspections, lubrication procedures, cleaning recommendations, and preventative measures to extend the life of the header components. It emphasizes the importance of proactive maintenance to prevent costly repairs.

Chapter 5: Repairing Hesston 6665 Header Parts: This chapter offers practical guidance on repairing damaged parts, covering techniques such as welding, fabrication, and the use of specialized tools. It will also discuss situations where replacement is a more cost-effective solution.

Chapter 6: Safety Precautions When Working on the Header: This crucial chapter details essential safety practices when working on or around the Hesston 6665 header. It covers topics like lockout/tagout procedures, personal protective equipment (PPE), and safe handling of hydraulic components.

Conclusion: This final section summarizes the key information from the ebook and reiterates the importance of proper maintenance, repair, and part sourcing for maximizing the efficiency and longevity of the Hesston 6665 header. It will also offer advice on optimizing the header's performance and minimizing downtime.

Frequently Asked Questions (FAQs)

1. Where can I find a Hesston 6665 header parts manual? You can often find parts manuals online through Hesston's official website or through agricultural equipment parts suppliers.
2. How often should I lubricate my Hesston 6665 header? Refer to your owner's manual for specific lubrication intervals; however, regular lubrication before and after each use is generally recommended.
3. What are the most common Hesston 6665 header parts that need replacing? Knives, auger flights, and conveyor belts are frequently replaced due to wear and tear.
4. Can I use aftermarket parts on my Hesston 6665 header? While possible, using genuine Hesston parts is recommended for optimal performance and warranty compliance.
5. How much does it typically cost to repair a damaged Hesston 6665 header? Repair costs vary greatly depending on the extent of the damage and the parts required.
6. What are the signs of a worn-out Hesston 6665 header knife? Worn knives will often show signs of dullness, chipping, or excessive wear on the cutting edges.
7. How do I clean my Hesston 6665 header after use? Thoroughly remove all debris, especially grain residue, from the header using brushes, compressed air, and appropriate cleaning agents.
8. Where can I find a qualified mechanic to repair my Hesston 6665 header? Contact your local Hesston dealer or search for agricultural equipment repair shops in your area.
9. Is it possible to rebuild a severely damaged Hesston 6665 header? In some cases, major repairs or even a rebuild might be feasible, depending on the extent of the damage and the cost-effectiveness compared to replacement.

Related Articles:

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2. Troubleshooting Common Hesston 6665 Header Problems: A guide to identifying and fixing common issues.

3. Choosing the Right Replacement Parts for your Hesston 6665 Header: Advice on selecting high-quality parts.
4. How to Safely Repair a Hesston 6665 Header: Emphasis on safety procedures during repair work.
5. Comparing Hesston 6665 Header to other Models: An analysis of competing header models and their features.
6. The Economics of Hesston 6665 Header Repair vs. Replacement: A cost-benefit analysis for repair decisions.
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