JENKINS IRON AND STEEL

Brush Grapple Super Duty Split

Owner's Manual



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Built Strong. Built to Last. Made in the USA.

⚠ READ THIS MANUAL COMPLETELY BEFORE OPERATING THIS ATTACHMENT.

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Section 1: Introduction and Product Overview

Thank you for purchasing the **Jenkins Iron and Steel Brush Grapple Super Duty Split** attachment. You have invested in the biggest and baddest brush/root rake on the market — period. Every Jenkins attachment is designed, welded, and assembled at our facility in Long Prairie, Minnesota, and we stand behind the quality and craftsmanship of every unit that leaves our shop.

The Super Duty Split Brush Grapple is engineered from the ground up for the toughest land-clearing, demolition, and material-handling jobs you can throw at it. Here's what sets it apart:

- **Heavy-duty 3/4" bottom rake** — gusseted with 3/8" sheet that runs all the way through for maximum structural rigidity
- **2 independent grapple arms** — designed to handle uneven, awkward loads that would defeat a single-arm grapple

- **50" bite** powered by 2x 3,000 PSI hydraulic cylinders for massive clamping force
- **Shark tooth serrations** on hardened 3/4" teeth for aggressive grabbing and holding
- **Lower bucket material: 3/4" Grade 50 steel** for unmatched durability and longevity
- **Angled mounting plate** that provides plenty of rollback so operators can drive without losing their load
- **Fully greasable pivot points** for long service life and easy maintenance
- **Commercial grade construction** — built to handle even the largest skid steers on the market
- All hydraulic attachments come complete with **hoses, cylinders, and flat face couplers**

Ideal Applications

- Brush clearing
- Root raking
- Log moving
- Large rock removal
- Demolition debris handling
- Concrete removal
- Land clearing
- Site cleanup

Section 2: Safety Warnings and Precautions

> ⚠ **WARNING — READ BEFORE OPERATING**
>
> Failure to follow the safety precautions in this manual can result in serious injury or death. Read and understand all safety warnings before operating this attachment. Keep this manual accessible to all operators at all times.

2.1 General Safety

- This attachment shall be operated **only by trained, qualified operators** who have read and understood this manual.
- Always wear proper Personal Protective Equipment (PPE):
  - Hard hat
  - Safety glasses
  - Hearing protection
  - Steel-toe boots
  - Heavy work gloves
- Maintain a safe perimeter around the work area at all times.
- Keep all bystanders, co-workers, and unauthorized personnel clear of the operating zone.
- Never allow anyone to stand under or near a raised load.

2.2 Hydraulic Safety

> ⚠ **WARNING — HYDRAULIC INJECTION HAZARD**
>
> This attachment operates at **3,000 PSI**. Escaping hydraulic fluid under pressure can penetrate skin and cause severe injury, gangrene, or death. Never use your hands or body to check for hydraulic leaks. Use a piece of cardboard or paper. If fluid is injected under the skin, seek immediate medical attention — this is a medical emergency.

- Always relieve hydraulic pressure before disconnecting any hose, fitting, or coupler.
- Inspect all hoses, fittings, and flat face couplers before each use for signs of wear, cracking, abrasion, or leakage.

- Replace any damaged hydraulic component immediately — do not attempt temporary repairs.
- Use only hydraulic fluid recommended by the host machine manufacturer.

2.3 Operational Safety

- **Tip-over hazard:** Be aware of tip-over risk when handling heavy or offset loads. Know your machine's rated operating capacity and never exceed it.
- Always transport loads in the **low position** with the grapple tilted back for maximum stability.
- Watch for overhead clearances including power lines, tree limbs, and structures.
- **Never reach into the grapple jaws** for any reason while the attachment is connected to hydraulics.
- Before root raking, ensure the work area is clear of buried utilities. Contact your local utility locating service (call 811) before digging or raking.
- Be aware of changing ground conditions, slopes, and soft terrain.

2.4 Mounting Safety

> ⚠ **CAUTION**
>
> Always verify that the attachment is fully locked into the quick-attach plate before lifting or operating. An improperly secured attachment can detach during operation, causing serious injury, death, or property damage.

- Verify the attachment is fully locked and the quick-attach engagement pins/levers are fully seated.
- Perform a lift test before beginning work — raise the attachment a few inches off the ground and check for secure engagement.
- Inspect the quick-attach plate for wear, cracks, or deformation before each use.

Section 3: Specifications

The Brush Grapple Super Duty Split is available in three widths. Select the size appropriate for your machine and application requirements.

Specification	66"	76"	86"
Overall Width	66"	76"	86"
Overall Length	32"	32"	32"
Overall Height (Closed)	36"	36"	32"
Overall Height (Open)	58"	58"	58"
Opening	50"	50"	50"
Lower Bucket Material	3/4" Grade 50	3/4" Grade 50	3/4" Grade 50
Weight	1,450 lbs	1,610 lbs	1,750 lbs
Cylinders	2x 3,000 PSI	2x 3,000 PSI	2x 3,000 PSI
Mounting	Universal Skid Steer Quick Attach	Universal Skid Steer Quick Attach	Universal Skid Steer Quick Attach

Tip — Selecting the Right Size

Choose a grapple width that matches or slightly exceeds your skid steer's width. A wider grapple covers more ground per pass, while a narrower unit may offer better maneuverability in tight spaces. Always verify that your machine's rated operating capacity can accommodate the grapple weight plus the intended load.

Section 4: Construction and Design Details

Every Brush Grapple Super Duty Split is built to Jenkins Iron and Steel's uncompromising standards. Below is a detailed overview of the construction and design features that make this the toughest grapple on the market.

4.1 Heavy-Duty 3/4" Bottom Rake

The bottom rake is constructed from 3/4" steel tines, providing the strength needed for aggressive root raking, rock handling, and debris collection. Unlike lighter-duty competitors, the Super Duty Split will not bend or deform under extreme loads.

4.2 Gusseted 3/8" Sheet Construction

The entire frame is gusseted with 3/8" sheet steel that runs all the way through the structure. This continuous gusseting eliminates flex and distributes stress loads across the entire frame, preventing stress cracks and weld failures.

4.3 Independent Split Grapple Arms

The Super Duty Split features **2 independent grapple arms**, each powered by its own 3,000 PSI hydraulic cylinder. This split design is superior to single-arm grapples because:

- Each arm can conform independently to uneven or irregularly shaped loads
- Operators can close one side first to secure part of a load, then clamp the other side
- Reduces the chance of material shifting or escaping during transport
- Provides more versatile clamping options for different material types

4.4 Shark Tooth Serrations

The upper grapple teeth feature aggressive shark tooth serrations machined from hardened 3/4" steel. These serrations bite into brush, logs, roots, and debris with exceptional grip, preventing material from sliding out — even under heavy pressure or during transport over rough terrain.

4.5 Replaceable Dirt Teeth

The lower rake includes replaceable tip dirt teeth designed for root raking and ground ripping. These teeth are a wear item and can be individually replaced without welding or specialized tools, keeping the grapple in peak working condition at minimal cost.

4.6 3/4" Grade 50 Lower Bucket Material

The lower bucket is fabricated from 3/4" Grade 50 high-strength steel. Grade 50 steel offers a minimum yield strength of 50,000 PSI — significantly stronger than standard mild steel — providing exceptional durability and longevity even under the most punishing conditions.

4.7 Angled Mounting Plate

The mounting plate is angled to provide maximum rollback, allowing operators to tilt the loaded grapple back toward the machine during transport. This keeps the load secure and the machine balanced, so operators can drive at working speed without losing material.

4.8 Fully Greasable Pivot Points

Every pivot point on the Super Duty Split is equipped with grease fittings (zerks), allowing for easy and regular lubrication. Proper greasing extends the life of bushings and pins, reduces friction-related wear, and keeps the grapple arms operating smoothly.

4.9 Commercial Grade — Built for the Biggest Machines

The Super Duty Split is designed and built to handle even the largest skid steers on the market. From compact track loaders to full-size, high-flow skid steers, this grapple is engineered to match the power and capability of professional-grade host machines.



Super Duty Split — Independent grapple arms and 3/4" Grade 50 construction.

Section 5: What's Included

Your Jenkins Brush Grapple Super Duty Split ships complete and ready to install. Verify that the following items are present and undamaged upon delivery:

Item	Qty	Notes
Fully Assembled Super Duty Split Brush Grapple	1	Complete welded frame with grapple arms
Hydraulic Cylinders (3,000 PSI)	2	Pre-installed on grapple arms
Hydraulic Hoses	1 set	Supply and return lines
Flat Face Couplers	1 set	For connection to host machine hydraulics

Item	Qty	Notes
Replaceable Dirt Teeth	Full set	Pre-installed on lower rake
Grease Fittings (Zerks)	All	Pre-installed at all pivot points
Owner's Manual	1	This document

> **Note**
>
> If any item is missing or damaged upon delivery, contact Jenkins Iron and Steel immediately at **(320) 732-2658** or **1.855.732.3843**. Do not operate the attachment with missing or damaged components.

Section 6: Installation and Mounting

6.1 Pre-Installation Checklist

Before mounting the Brush Grapple Super Duty Split, complete the following checks:

1. **Verify host machine hydraulic capacity.** Confirm your skid steer has auxiliary hydraulic outputs capable of supplying adequate flow and pressure for the two 3,000 PSI cylinders. Consult your machine's operator manual for hydraulic specifications.
2. **Inspect the quick-attach plate** on both the host machine and the grapple for cracks, wear, deformation, or debris that could prevent proper engagement.
3. **Ensure flat ground.** Mount the attachment on level, stable ground only.
4. **Shut down and exit the machine** to perform a visual inspection before attachment.
5. **Verify the grapple is resting in a stable position** — on flat ground, arms closed or blocked open safely.

6.2 Step-by-Step Mounting Procedure

6. **Position the grapple** on flat, stable ground with the mounting plate facing the machine.
7. **Approach slowly.** Drive the skid steer forward and align the machine's quick-attach plate with the grapple's universal skid steer mount.
8. **Engage the top hook.** Tilt the quick-attach plate forward and hook the top edge of the grapple's mounting plate.
9. **Roll back and engage the bottom.** Roll the quick-attach plate back to pull the bottom of the mounting plate into the lower catches or engagement points.
10. **Lock the quick-attach.** Activate the quick-attach locking mechanism (lever, pin, or hydraulic lock — varies by machine). Ensure the lock is fully engaged.
11. **Verify secure attachment.** Raise the grapple a few inches off the ground. Check for any movement, play, or gaps between the mounting plates. If the attachment shifts or rocks, lower it and re-engage.

> ⚠ **WARNING**
>
> Never operate the grapple unless the quick-attach is fully locked and verified. An improperly mounted attachment can detach during operation, causing serious injury or death.

6.3 Hydraulic Hookup

12. **Relieve all hydraulic pressure** on the host machine before connecting hoses.
13. **Clean all coupler ends** — wipe flat face couplers clean of dirt, dust, and debris before connection. Contamination entering the hydraulic system can cause premature component failure.
14. **Connect the supply line** from the host machine to the grapple's supply hose using the flat face coupler.
15. **Connect the return line** from the grapple to the host machine's return port.
16. **Check all connections** — ensure all couplers are fully seated and locked.

17. **Test the grapple.** With the area clear, cycle the grapple arms open and closed several times to verify proper operation, check for leaks, and bleed any air from the system.

> **Tip**
>
> If the grapple arms move in the wrong direction (e.g., open when you expect close), simply swap the supply and return hose connections at the host machine couplers.

6.4 Dismounting Procedure

18. Lower the grapple to flat, stable ground with the arms closed.
19. Relieve all hydraulic pressure by cycling the controls briefly with the engine off (or per your machine's procedure).
20. Shut down the host machine engine.
21. Disconnect the hydraulic hoses at the flat face couplers. Cap all open coupler ends to prevent contamination.
22. Release the quick-attach lock mechanism.
23. Tilt the quick-attach plate forward and slowly back away from the grapple.
24. Ensure the grapple is resting in a stable position before leaving the area.

6.5 Tractor Loader Mounting

> **Note — Tractor Loader Models**
>
> The Super Duty Split ships standard with a universal skid steer quick-attach mounting plate. If you intend to use this attachment on a tractor loader with a different coupler system (e.g., John Deere Global, Euro/ALO), a mounting plate modification or adapter may be required. Contact Jenkins Iron and Steel at **(320) 732-2658** to discuss modification options for your specific tractor loader model.

Section 7: Operation

7.1 Pre-Operation Checklist

Complete the following checks before each work session:

- Verify quick-attach is fully locked and secure (perform lift test)
- Inspect all hydraulic hoses, fittings, and couplers for leaks or damage
- Inspect grapple teeth (both shark tooth serrations and replaceable dirt teeth) for wear, cracking, or missing teeth
- Check all pivot points — verify free movement with no binding
- Grease all pivot points if due (see Section 8)
- Inspect the frame and welds for cracks or damage
- Cycle the grapple arms open and closed to verify proper hydraulic function
- Confirm work area is clear of personnel, bystanders, and overhead hazards
- Verify underground utilities have been located and marked (call 811 before root raking or digging)

7.2 Brush and Debris Collection

25. **Open both grapple arms fully** (50" opening) before approaching the material pile.
26. **Approach the pile** at a low, controlled speed with the grapple positioned low to the ground.
27. **Drive into the material,** using the lower rake tines to penetrate and scoop under the brush or debris.
28. **Close both grapple arms** to clamp the material. Use the independent arms to your advantage — if the load is uneven, close one arm first to secure that side, then close the other arm to grip the remaining material.
29. **Tilt back (roll back)** to secure the load against the mounting plate.

30. **Lift the load** only high enough to clear the ground — keep loads as low as possible during transport.
31. **Transport at controlled speed** with the load low and tilted back.
32. **At the dump site,** position the grapple over the desired location, open the arms, and tilt forward to release the material.

7.3 Root Raking Technique

The replaceable dirt teeth on the lower rake are specifically designed for root raking and ground ripping:

33. Open the grapple arms and lower the attachment to ground level.
34. Angle the grapple so the dirt teeth engage the soil surface.
35. Drive forward slowly, allowing the teeth to rake through the topsoil and pull up roots, rocks, and debris.
36. Once a load accumulates, close the grapple arms to secure the material and transport to the dump area.
37. Repeat as needed to clear the work area.

> ⚠ **CAUTION**
>
> Root raking generates significant resistance. Do not force the machine into hard, compacted soil at high speed — this can damage dirt teeth, stress the frame, and cause tip-over. Use slow, controlled passes and let the teeth do the work.

7.4 Log Handling

- Open the grapple arms wide and approach the log from the side or end.
- Position the log in the center of the grapple opening for a balanced load.
- Close both arms evenly to grip the log. The shark tooth serrations will bite into the bark and wood to prevent rolling.

- Tilt back and transport low. Logs can be heavy — always be aware of your machine's rated operating capacity.

7.5 Large Rock and Concrete Debris Handling

- Approach large rocks or concrete chunks carefully, assessing weight before attempting to lift.
- Center the material in the grapple opening when possible.
- Close both arms firmly and verify the material is secure before lifting.
- Transport slowly with the load low and the grapple tilted back.
- Be especially aware of tip-over risk with heavy, dense materials — concrete and rock are significantly heavier than brush per volume.

7.6 Transport Position

When traveling between work areas or on roadways:

- Keep the grapple **low to the ground** (12"–18" clearance)
- Tilt the grapple **fully back (maximum rollback)** to keep the load secure and the machine balanced
- Travel at **controlled speed** — reduce speed on slopes, uneven terrain, and near personnel

7.7 What NOT to Do

> ⚠ **WARNING — Prohibited Operations**
>
> The following actions are strictly prohibited and may result in serious injury, death, equipment damage, or voided warranty:

- **Never overload the grapple** or exceed your machine's rated operating capacity.
- **Never swing a loaded grapple at speed** — sudden turns with a heavy load can cause tip-over.

- **Never reach into the grapple jaws** for any reason while the attachment is connected to the host machine's hydraulics.
- **Never use the grapple as a pry bar** — it is not designed for prying, levering, or side-loading.
- **Never lift personnel** with the grapple or allow anyone to ride on the attachment.
- **Never operate with damaged teeth, leaking cylinders, or worn hoses** — repair before use.
- **Never transport loads in the raised position** — always keep loads low.
- **Never disable or bypass** any safety device on the host machine.

Section 8: Maintenance

Regular maintenance is essential to ensure safe operation, peak performance, and maximum service life for your Super Duty Split Brush Grapple. Follow the schedules and procedures below.

8.1 Daily Inspection Checklist

Before each work session, visually inspect the following:

Component	What to Check
Dirt Teeth	Wear, cracking, missing teeth, loose mounting hardware
Shark Tooth Serrations	Worn smooth, chipped, cracked, or bent teeth
Welds	Cracks, fractures, or signs of stress at frame joints and gussets
Cylinders	Leaks, dents, bent rods, scoring on chrome rods
Hydraulic Hoses	Abrasion, cracking, bulging, leaks, chafing against frame
Pivot Points	Excessive play, binding, adequate grease
Mounting Plate	Cracks, deformation, wear on engagement surfaces
Flat Face Couplers	Clean faces, proper locking, no leaks

8.2 Greasing Schedule — Every 8–10 Hours of Operation

All pivot points on the Super Duty Split are equipped with grease fittings (zerks). Grease all pivot points every 8–10 hours of operation using a high-quality multi-purpose lithium-based grease.

Grease points include:

- Left grapple arm pivot (upper and lower)
- Right grapple arm pivot (upper and lower)
- Left cylinder mount points (rod end and base end)
- Right cylinder mount points (rod end and base end)
- All link and clevis pin locations

> **Tip**
>
> Grease until fresh grease is visible purging from the joint. This ensures old, contaminated grease is flushed out and the bearing surfaces are fully lubricated. In extremely dusty, muddy, or wet conditions, grease more frequently (every 4–6 hours).

8.3 Hydraulic System Checks

- **Hoses:** Inspect for abrasion, cracking, bulging, or kinking. Replace any hose showing signs of wear — a burst hose under 3,000 PSI is extremely dangerous.
- **Fittings:** Check for tightness and signs of seepage. Snug any loose fittings (do not over-torque).
- **Flat face couplers:** Clean coupler faces before each connection. Inspect for wear or damage to the sealing surfaces.
- **Fluid levels:** Check the host machine's hydraulic fluid reservoir. Top off as needed with manufacturer-recommended fluid.

8.4 Teeth Inspection and Replacement

Replaceable Dirt Teeth

The dirt teeth on the lower rake are designed to be replaced as they wear. Inspect before each use:

- Replace any tooth that is worn beyond 50% of its original length
- Replace any cracked, chipped, or broken tooth immediately
- Replace teeth using the original hardware — tighten to the specified torque
- Always replace teeth in complete sets if wear is even across the rake

Serrated Jaw Teeth

The shark tooth serrations on the upper grapple arms are integral to the arm structure. Inspect for:

- Teeth worn smooth — reduces gripping ability
- Cracked or broken teeth — creates weak points
- Bent or deformed teeth — indicates overloading

If serrated teeth are significantly worn or damaged, contact Jenkins Iron and Steel for repair or arm replacement options.

8.5 Cylinder Inspection

- Inspect cylinder rods for scoring, pitting, or bending — damaged rods will destroy seals
- Check for oil seepage around rod seals and end caps
- Verify cylinder mounting pins and hardware are secure and not worn
- If a cylinder shows drift (arm slowly opens under load), the internal seals may be worn — replace the seal kit or the cylinder

8.6 Storage Guidelines

- Store the grapple with the arms **closed**
- Rest on a **flat, stable surface** — do not lean the grapple against a wall or at an angle
- **Relieve hydraulic pressure** before disconnecting hoses for storage
- **Cap all hydraulic coupler ends** to prevent contamination

- Apply a light coat of grease or oil to exposed cylinder rods to prevent corrosion
- Store in a covered area when possible to protect from weather

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Section 9: Troubleshooting

Use the table below to diagnose common issues. If the problem persists after following the suggested solutions, contact Jenkins Iron and Steel for further support.

Problem	Possible Cause	Suggested Solution
Grapple arms won't close	No hydraulic flow; hoses disconnected or reversed; coupler not fully engaged; machine hydraulic issue	Verify hose connections and coupler engagement. Check machine auxiliary hydraulic switch is activated. Verify host machine hydraulic fluid level. Check for blown fuse on machine's auxiliary circuit.
Arms close unevenly	Obstruction in one arm's path; cylinder issue on one side; unequal hydraulic flow	Clear debris from grapple arms. Inspect both cylinders for leaks or damage. Check hoses for kinks or restrictions. Verify both cylinders are receiving equal pressure.
Won't grip material	Teeth worn smooth; insufficient clamping pressure; material too small for opening	Inspect shark tooth serrations — replace if worn smooth. Verify hydraulic pressure is at 3,000 PSI. Gather more material to fill the grapple opening for better grip.
Material slips out during transport	Worn teeth; insufficient rollback; load not centered; grapple not tilted back	Ensure full rollback during transport. Center loads when possible. Inspect teeth for wear. Reduce travel speed on rough terrain.
Weak clamping force	Low hydraulic pressure; internal cylinder seal wear; host machine hydraulic issue	Check host machine hydraulic pressure and flow rate. Inspect cylinders for internal seal failure (indicated by slow drift). Check for restrictions in hydraulic lines.
Hydraulic leak at cylinder	Worn rod seal; scored cylinder rod; damaged end cap O-ring	Identify leak location. If at rod seal, replace cylinder seal kit. If cylinder rod is scored, the cylinder may need rebuilding or replacement. Do not operate with active leaks.
Hydraulic leak at hose or fitting	Loose fitting; damaged hose; worn coupler seal	Relieve pressure. Tighten fittings. Replace damaged hoses. Replace coupler seals or the coupler itself. Never over-torque fittings.

Problem	Possible Cause	Suggested Solution
Excessive play in grapple arms	Worn pivot bushings; worn pivot pins; loose mounting hardware	Inspect pivot bushings and pins for wear. Replace worn bushings and/or pins. Check and tighten all mounting hardware.
Mounting plate won't engage	Misalignment; debris on mounting surfaces; worn quick-attach plate	Clean both mounting surfaces. Re-approach and align carefully. Inspect both plates for wear or deformation. Verify compatibility with your machine's quick-attach system.
Dirt teeth breaking prematurely	Impact with rocks or hardpan; aggressive angle of attack; wrong tooth for application	Reduce attack angle in rocky soil. Use shallower passes. Avoid driving full speed into compacted ground. Contact Jenkins for application-specific tooth recommendations.
Serrated teeth worn smooth	Normal wear from extended use, especially with abrasive materials (sand, rock, concrete)	Contact Jenkins Iron and Steel for grapple arm refurbishment or replacement. Worn serrations significantly reduce gripping performance.
Grapple won't open fully	Debris jammed in arms; cylinder not fully extending; hydraulic flow restriction	Clear any debris from grapple arm path. Inspect cylinders for full extension. Check for kinked or restricted hoses. Verify adequate hydraulic flow from host machine.
Machine tips forward with load	Load exceeds machine's rated operating capacity; load positioned too far forward; operating on a slope	Reduce load size. Tilt grapple back to bring load closer to machine. Avoid operating on steep slopes with heavy loads. Know your machine's rated capacity and never exceed it.
Unusual noise during operation	Worn bushings; loose hardware; hydraulic cavitation; dry pivot points	Stop operation and inspect. Grease all pivot points. Check and tighten all hardware. Inspect bushings and pins for wear. If cavitation noise (whining/screeching), check hydraulic fluid level and line routing.
Pivot points binding	Inadequate lubrication; corrosion; bent pin; debris in pivot	Grease thoroughly. Clean debris from around pivot area. If binding persists, disassemble pivot to inspect pin and bushing. Replace corroded or bent components.
Cylinder drift (arms slowly open under load)	Worn internal cylinder seals; leaking check valve; contaminated hydraulic fluid	Replace cylinder seal kit. Inspect and replace check valve if applicable. If drift continues after seal replacement, the cylinder bore may be scored — replace the cylinder. Change hydraulic fluid and filter if contaminated.
Vibration during transport	Loose mounting; unbalanced load; worn pivot components; loose hardware	Verify quick-attach is fully locked. Center and balance loads. Check and tighten all hardware. Inspect pivot bushings and pins. Reduce transport speed.

Problem	Possible Cause	Suggested Solution
Frame cracking	Overloading; excessive impact; fatigue from extended heavy use; stress concentration	**Stop operation immediately.** Do not attempt field repairs on structural cracks. Contact Jenkins Iron and Steel for warranty evaluation and professional repair. Do not weld on the frame without authorization — unauthorized repairs void the warranty.

Section 10: Replacement Parts Reference

The following replacement parts and wear items are available directly from Jenkins Iron and Steel.

Contact us with your grapple model and serial number when ordering parts to ensure correct fitment.

Part	Description	Wear Item
Replaceable Dirt Teeth	Lower rake dirt teeth for root raking and ground ripping. Individually replaceable without welding.	Yes
Hydraulic Cylinders (3,000 PSI)	Replacement cylinders for grapple arm actuation. Match to original cylinder specifications.	No
Cylinder Seal Kits	Complete seal kit for cylinder rebuild including rod seal, piston seals, and O-rings.	Yes
Hydraulic Hoses	Replacement supply and return hoses rated for 3,000 PSI working pressure.	Yes
Flat Face Couplers	Quick-connect couplers for hydraulic line connection to host machine.	Yes
Pivot Pins	Hardened pins for all grapple arm and cylinder pivot points.	Yes
Bushings	Replacement bushings for all pivot locations. Replace with pivot pins when worn.	Yes
Grease Fittings (Zerks)	Standard grease zerks for all pivot point lubrication access.	Yes
Quick Attach Plate	Universal skid steer quick-attach mounting plate. Also available in tractor loader configurations.	No

? Ordering Parts

When ordering replacement parts, always have the following information ready: grapple model (Super Duty Split), width (66", 76", or 86"), and serial number (located on the mounting plate). This ensures you receive the correct parts for your unit. Call **(320) 732-2658** or toll-free **1.855.732.3843**.

Section 11: Warranty and Contact Information

11.1 Warranty Coverage

Jenkins Iron and Steel warrants the Brush Grapple Super Duty Split against defects in materials and workmanship under the following terms:

Coverage	Details
Frame and Welds	**2-Year Commercial Warranty** — covers defects in materials and workmanship on the structural frame, gussets, mounting plate, and all factory welds.
Cylinders	Covered under manufacturer's cylinder warranty. Contact Jenkins for specific cylinder warranty terms.

11.2 Warranty Exclusions

The following items and conditions are **not covered** under warranty:

- **Normal wear items:** replaceable dirt teeth, cylinder seals, hydraulic hoses, flat face couplers, bushings, pivot pins, and grease fittings
- Damage caused by misuse, abuse, negligence, or operation beyond the attachment's rated capacity
- Damage resulting from accidents, collisions, or acts of nature
- Cosmetic damage including scratches, dents, and paint wear from normal use

- Damage caused by improper installation, maintenance, or failure to follow the procedures in this manual

11.3 Warranty Void Conditions

⚠ IMPORTANT — Warranty Void Conditions

The warranty is **void** if the attachment has been modified, altered, or repaired without written authorization from Jenkins Iron and Steel. This includes unauthorized welding, cutting, drilling, or structural modifications. The warranty is also void if the attachment has been used beyond its rated capacity or in applications for which it was not designed.

11.4 Warranty Claim Procedure

38. Contact Jenkins Iron and Steel by phone or through the website to report the issue.
39. Provide your grapple model, width, serial number, date of purchase, and a description of the problem.
40. Provide photographs of the issue if requested.
41. Jenkins Iron and Steel will evaluate the claim and determine the appropriate remedy, which may include repair, replacement of defective components, or other resolution at Jenkins's discretion.

11.5 Contact Information

Company	**Jenkins Iron and Steel**
Address	23023 US 71, Long Prairie, MN 56347
Phone	(320) 732-2658
Toll-Free	1.855.732.3843
Website	www.jenkinsiron.com

"Built Strong. Built to Last. Made in the USA."

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