JENKINS IRON AND STEEL

4 in 1 Bucket

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 **4 in 1 Bucket** — one of the most versatile and indestructible attachments you can buy for your skid steer loader. This commercial-grade combination bucket was built with one goal in mind: to do it all.

The Jenkins 4 in 1 Bucket is designed to handle dozing, land leveling, grappling, dumping, digging, grading, and much more — all from a single attachment. It is the biggest and heaviest combination bucket on the market, engineered to last years of rigorous daily use by contractors, excavators, farmers, and land management professionals.

Key Features

- **3 Reversible, Replaceable Cutting Edges** — providing 6 total cutting surfaces for maximum service life
- **Fully Gusseted Sides** — superior structural rigidity under heavy loads
- **Fully Protected Cylinders** — shielded from damage during operation
- **Reinforced Bottom** — heavy-duty construction for demanding applications
- **Optional Replaceable Tip Excavator Teeth** — available for aggressive digging

Available Sizes

The Jenkins 4 in 1 Bucket is available in three sizes to match your machine and application:

- **72"** (6 ft.)
- **78"** (6.5 ft.)
- **82"** (6.83 ft.)

Not sure which size is right for your machine? Contact Jenkins Iron and Steel and we'll help you match the right bucket to your loader.

Ideal Applications

Application	Description
Dozing / Pushing	Push dirt, gravel, snow, and debris with the jaws closed
Land Leveling & Grading	Smooth and level terrain for construction sites, driveways, and fields
Grappling Brush & Debris	Clamp and carry brush, logs, demolition debris, and irregular materials
Dumping Material	Scoop and dump dirt, gravel, sand, and aggregate
Digging	Dig trenches, grade slopes, and excavate with cutting edges or optional teeth
General Site Cleanup	Clear construction sites, lots, and work areas of mixed debris
Snow Removal	Push and carry snow from parking lots, driveways, and roadways
Material Handling	Move pallets, bales, rocks, and other large or awkward loads

Section 2: Safety Warnings and Precautions

> ⚠ **IMPORTANT — READ BEFORE OPERATING**
>
> Failure to follow these safety warnings and precautions may result in serious injury or death. Read and understand all safety information before installing or operating this attachment. Keep this manual accessible for all operators.

2.1 General Safety

- Only trained and authorized operators should operate this attachment.
- Always wear appropriate personal protective equipment (PPE) including hard hat, safety glasses, steel-toe boots, and heavy-duty gloves.
- Keep all bystanders, co-workers, and animals clear of the work area during operation.
- Inspect the bucket and all components before each use. Do not operate if any damage is found.
- Read and follow your skid steer loader's operator manual in addition to this manual.
- Never operate this attachment under the influence of drugs, alcohol, or medication that may impair judgment.
- Maintain a clean, organized work area to prevent trips, falls, and entanglement.

2.2 Hydraulic Safety

> ⚠ **WARNING — HYDRAULIC FLUID HAZARD**
>
> Hydraulic fluid under pressure can penetrate skin and cause severe injury, infection, or death. **NEVER** use your hands, fingers, or any body part to check for hydraulic leaks. Use a piece of cardboard or paper to locate leaks. If hydraulic fluid penetrates the skin, seek **immediate medical attention**. Inform your physician that the injury involves high-pressure hydraulic fluid injection.

- Always relieve hydraulic pressure before disconnecting any hydraulic lines or fittings.
- Shut down the machine and cycle hydraulic controls to relieve residual pressure before servicing.
- Replace any damaged, worn, or leaking hydraulic hoses, fittings, or cylinders immediately. Do not attempt to patch or repair damaged hydraulic components.
- Keep all hydraulic connections clean and free of debris.
- Use only hydraulic fluid recommended by your machine manufacturer.
- Ensure all hydraulic connections are tight and properly seated before operating.

2.3 Operational Safety

> ⚠ **CAUTION — PINCH POINTS**
>
> Severe pinch points exist between the upper and lower bucket halves when the jaws open and close. **NEVER** place hands, fingers, arms, or any body part between the bucket halves. Keep all persons clear of the bucket when operating hydraulic controls.

- Be aware of the bucket's load capacity. Do not exceed your machine's rated operating capacity.
- Watch for overhead hazards including power lines, tree branches, structures, and overhangs.

- Ensure stable footing when operating on slopes. Always work up and down slopes, never across.
- Use proper techniques when dozing near edges, trenches, excavations, or embankments. Maintain a safe distance from edges.
- Lower the bucket to the ground before leaving the machine unattended.
- Never allow riders on the bucket or machine.
- Be aware of underground utilities before digging.

2.4 Clamping Safety

> ⚠ **WARNING — CLAMPING FORCE**
>
> The hydraulic cylinders generate extreme clamping force when closing the bucket jaws. This force is sufficient to cause severe crushing injuries or death. Keep **ALL** persons clear when opening or closing the bucket jaws. **NEVER** use the bucket to lift or transport people under any circumstances.

- Ensure the work area is clear of all persons before activating the clam/grapple function.
- Never reach into the bucket opening while the machine is running.
- Never use the bucket as a work platform, personnel lift, or man-basket.
- Do not attempt to clamp objects that exceed the jaw opening capacity.
- Verify that clamped loads are secure before lifting or transporting.

Section 3: Specifications

The Jenkins 4 in 1 Bucket is available in three sizes. Review the specifications below to confirm compatibility with your machine.

Specification	72"	78"	82"
Width	72"	78"	82"
Depth	34"	34"	34"
Bucket Height	25"	25"	25"
Overall Height	38"	38"	38"
Weight (without teeth)	1,290 lbs	1,380 lbs	1,475 lbs
Weight (with teeth)	1,340 lbs	1,430 lbs	1,525 lbs
Cutting Edges	3 reversible, replaceable		
Cylinders	Fully protected		
Sides	Fully gusseted		
Bottom	Reinforced		
Coupler Type	Universal skid steer quick attach		
Optional	Replaceable tip excavator teeth		

NOTE

Weights are approximate and may vary slightly by production run. Always verify that the total attachment weight (bucket + material load) does not exceed your machine's rated operating capacity. Contact Jenkins Iron and Steel at **1.855.732.3843** for help selecting the right size for your machine.

Section 4: Construction and Design Details

The Jenkins 4 in 1 Bucket is built to be the toughest, most durable combination bucket on the market. Every component is engineered for heavy commercial use and long service life.

4.1 Heavy-Duty Commercial Construction

The Jenkins 4 in 1 Bucket is the biggest and heaviest combination bucket on the market. It is built from high-grade steel throughout, with every weld and joint designed to withstand years of punishing daily use in commercial applications.

4.2 Reversible, Replaceable Cutting Edges

Three (3) bolt-on cutting edges are installed across the bottom of the bucket. Each cutting edge is **reversible**, giving you 6 total usable cutting surfaces before replacement is needed. This dramatically extends the service life of the edges and reduces operating costs. When all surfaces are worn, the edges are easily replaced with standard hardware.

4.3 Fully Gusseted Sides

The side plates are fully gusseted with heavy steel reinforcement for maximum structural rigidity. This prevents flexing and warping under heavy loads, maintaining the bucket's shape and alignment over years of use.

4.4 Fully Protected Cylinders

The hydraulic cylinders are fully shielded and protected within the bucket structure. This design prevents damage from impacts, debris, and material contact during operation — a critical feature for demanding job sites.

4.5 Reinforced Bottom

The bucket floor is reinforced with additional steel plating for durability under heavy loads, aggressive digging, and abrasive materials such as rock and gravel.

4.6 Universal Quick Attach Mounting

The bucket features a universal skid steer quick attach mounting plate compatible with all standard skid steer loaders. The bucket can be mounted and dismounted in minutes without special tools.

4.7 Optional Excavator Teeth

For applications requiring aggressive digging — such as hard-packed soil, clay, or frozen ground — optional replaceable tip excavator teeth can be installed on the leading cutting edge. Teeth are individually replaceable and do not require removal of the cutting edge.

4.8 Four-in-One Functionality

This single attachment replaces four separate pieces of equipment:

1. **Bucket** — Scoop, carry, and dump material
2. **Clam** — Grab and clamp brush, debris, and irregular loads
3. **Dozer** — Push, grade, and level with the jaws closed
4. **Grapple** — Grip and transport large, heavy, or awkward items

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Section 5: What's Included

Your Jenkins 4 in 1 Bucket ships fully assembled and ready to mount. Verify that all of the following components are present and undamaged upon delivery:

Item	Quantity	Notes
4 in 1 Bucket Assembly (complete)	1	Fully welded and assembled
Hydraulic Cylinders (pre-installed)	2	Mounted and pinned at factory
Hydraulic Hoses	1 set	Supply and return lines
1/2" Flat-Face Hydraulic Couplers	1 set	Industry-standard flat-face fittings
Cutting Edges (installed)	3	Bolted in place at factory

Item	Quantity	Notes
Grease Fittings (zerks)	All pivot points	Pre-installed at all pivot locations
Owner's Manual	1	This document

NOTE

Excavator teeth are **optional** and available upon request. If you ordered optional teeth, verify that the teeth and tooth holders are included in your shipment. Contact Jenkins Iron and Steel immediately if any components are missing or damaged.

Section 6: Installation and Mounting

6.1 Pre-Installation Checklist

Before mounting the 4 in 1 Bucket, complete the following checks:

- Verify that your skid steer loader is compatible with the bucket size and weight. Confirm rated operating capacity.
- Inspect the machine's quick attach plate for damage, wear, or deformation. Repair or replace as needed.
- Verify that the machine's auxiliary hydraulic circuit is functioning properly and provides adequate flow and pressure.
- Confirm that the machine's hydraulic couplers are compatible with the supplied 1/2" flat-face couplers.
- Ensure the mounting area is on firm, level ground with adequate clearance.
- Review all safety warnings in Section 2 of this manual.

6.2 Mounting Procedure

5. Position the bucket on firm, level ground with the quick attach rail facing the machine.
6. Slowly drive the skid steer forward and align the machine's quick attach plate with the bucket's mounting rail.
7. Tilt the loader arms forward slightly and engage the top of the quick attach plate with the upper rail of the bucket.
8. Roll the bucket back while simultaneously engaging the lower locking mechanism.
9. Verify that the quick attach locking pins are fully engaged and locked. **Visually confirm lock engagement — do not rely on feel alone.**
10. Lift the bucket off the ground 6–12 inches and check for any movement or play in the mounting. If the bucket shifts or rocks, set it down and re-engage.
11. Proceed to hydraulic hookup (Section 6.3).

> ⚠ **WARNING**
>
> An improperly mounted bucket can detach during operation, causing serious injury or death. Always visually verify that locking pins are fully engaged. Test the mount by lifting the bucket and checking for movement before beginning work.

6.3 Hydraulic Hookup Procedure

12. Shut down the machine engine.
13. Cycle the auxiliary hydraulic controls back and forth several times to relieve residual pressure in the lines.
14. Clean the flat-face coupler ends on both the machine and bucket hoses. Remove any dirt, dust, or debris.
15. Connect the bucket's **supply (pressure) hose** to the machine's auxiliary supply port. Push the coupler firmly until it clicks and locks.

16. Connect the bucket's **return hose** to the machine's auxiliary return port. Push the coupler firmly until it clicks and locks.
17. Verify both connections are fully seated and locked by gently pulling on each coupler.
18. Route the hoses so they are clear of pinch points, sharp edges, and moving parts. Secure with any provided clips or ties.

6.4 Post-Installation Safety Check

Before operating, complete the following checks:

19. Start the machine engine and let it idle.
20. Slowly cycle the bucket jaws open and closed 3–4 times. Listen for unusual noises and watch for leaks.
21. Verify smooth, even jaw movement. Both sides should open and close at the same rate.
22. Inspect all hydraulic connections for leaks. Tighten or reseat as needed.
23. Check that hoses do not kink, bind, or contact sharp edges through the full range of motion.
24. Raise and lower the loader arms through the full range. Verify no interference between the bucket and machine.
25. Test the quick attach lock one more time by lifting the bucket and shaking it gently with the loader arms.

6.5 Dismounting Procedure

26. Lower the bucket to the ground on a firm, level surface.
27. Close the bucket jaws fully.
28. Shut down the machine engine.
29. Cycle the auxiliary hydraulic controls to relieve pressure.
30. Disconnect both hydraulic hoses from the machine. Cap all open coupler ends to prevent contamination.
31. Disengage the quick attach locking pins.

32. Tilt the loader arms forward and slowly back the machine away from the bucket.
33. Ensure the bucket is resting stably on the ground before leaving it unattended.

Section 7: Operation

7.1 Pre-Operation Checklist

Complete the following checks before each operating session:

- Walk around the bucket and visually inspect for damage, cracks, loose bolts, or bent components.
- Check all hydraulic hoses and connections for leaks, abrasion, or damage.
- Verify cutting edges are secure and have usable life remaining.
- Inspect cylinder rods for scratches, dents, or oil seepage.
- Grease all pivot points if due (see Section 8 — Maintenance).
- Confirm quick attach mount is locked and secure.
- Test jaw open/close function before beginning work.
- Clear the work area of bystanders and obstacles.

7.2 Four Operating Modes

Mode 1: Bucket Mode (Open Position)

With the jaws fully open, the 4 in 1 functions as a standard loader bucket for scooping, loading, and carrying material.

- Open the jaws fully to maximize bucket volume.
- Drive forward into the material pile, tilting the bucket slightly downward.
- Once loaded, roll the bucket back to retain the load.
- Raise the arms and transport to the dump location.

- Roll the bucket forward to dump material. Use the jaw-open function to fully eject sticky materials.

Best for: Loose dirt, gravel, sand, aggregate, snow, mulch, and topsoil.

Mode 2: Clam Mode (Partially Closed)

With the jaws partially closed, the bucket can grab and clamp irregularly shaped materials that would fall out of an open bucket.

- Position the bucket over or around the material to be grabbed.
- Close the jaws to clamp the material securely.
- Lift and transport the load. Maintain partial clamping pressure during transport.
- Open the jaws at the dump site to release the material.

Best for: Brush, branches, demolition debris, scrap lumber, mixed waste, and baled material.

Mode 3: Dozer Mode (Fully Closed)

With the jaws fully closed and the bucket positioned flat on the ground, the 4 in 1 functions as a dozer blade for pushing, grading, and leveling.

- Close the jaws completely.
- Lower the bucket flat to the ground surface.
- Drive forward to push material. Use float mode if your machine is equipped.
- Adjust the bucket angle to control grading depth and finish.
- Make multiple passes for fine grading work.

Best for: Grading driveways, leveling building pads, spreading gravel, pushing snow, and backfilling.

Mode 4: Grapple Mode (Fully Closed — Gripping)

With the jaws fully closed around an object, the bucket functions as a grapple for gripping and carrying large, heavy, or awkward items.

- Position the open bucket around the item to be gripped.
- Close the jaws fully to grip the item securely.
- Lift slowly and verify the load is stable before transporting.

- Keep the load low during transport for stability.
- Open the jaws to release the load at the destination.

Best for: Logs, large rocks, concrete debris, stumps, fence posts, tires, and large equipment components.

7.3 Tips for Effective Dozing and Grading

- Use float mode (if available on your machine) for finish grading to allow the bucket to follow ground contours.
- Make light passes rather than trying to move too much material at once.
- Work material downhill when possible to let gravity assist.
- Keep the cutting edge sharp and in good condition for the best grading finish.
- For crowned surfaces (driveways, roads), make passes from the center outward.
- Reduce ground speed for finer grade control.

7.4 Material Handling Best Practices

- Know your load. Estimate material weight and do not exceed your machine's rated operating capacity.
- Keep loads low during transport for maximum stability.
- Travel at reduced speed when carrying loads, especially on uneven terrain.
- Avoid sudden starts, stops, and turns with a loaded bucket.
- Use the clamping function to secure irregular loads during transport.
- When loading trucks, approach slowly and dump smoothly to prevent truck damage.

7.5 Transport Position

When traveling between job sites or parking the machine:

- Close the bucket jaws fully.
- Lower the bucket to within 6–12 inches of the ground.

- Roll the bucket back slightly to prevent dragging.
- Travel at safe speeds appropriate for the terrain and conditions.

7.6 What NOT to Do

> ⚠ **PROHIBITED ACTIONS**
>
> The following actions can result in equipment damage, personal injury, or death:

- **DO NOT** exceed your machine's rated operating capacity.
- **DO NOT** use the bucket to lift or transport people — ever.
- **DO NOT** use the bucket as a pry bar. Side-loading the jaws or cylinders causes damage.
- **DO NOT** drop the bucket onto hard surfaces from height.
- **DO NOT** use the bucket to push or pull structures, buildings, or anchored objects.
- **DO NOT** operate with damaged hydraulic hoses, leaking cylinders, or worn cutting edges.
- **DO NOT** attempt to clamp objects wider than the jaw opening.
- **DO NOT** swing loads over personnel or occupied areas.
- **DO NOT** operate on steep slopes without understanding your machine's stability limits.
- **DO NOT** reach into the bucket for any reason while the machine is running.

Section 8: Maintenance

Proper maintenance is essential to maximize the life and performance of your Jenkins 4 in 1 Bucket. Follow the schedules and procedures below to keep your attachment in top working condition.

8.1 Daily Inspection Checklist

Perform the following inspections before each operating session:

- Visually inspect cutting edges for wear, cracks, or missing bolts.
- Check hydraulic cylinders for oil leaks, rod damage, or loose mounting pins.
- Inspect all hydraulic hoses for cuts, abrasion, bulging, or leaks.
- Check all pivot pins for wear, looseness, or missing retaining hardware.
- Inspect the bucket structure for cracks, bends, or weld failures.
- Verify that the quick attach plate is undamaged and locking properly.
- Check optional excavator teeth (if equipped) for wear, looseness, or breakage.

8.2 Greasing Schedule

Grease all pivot points every **8–10 operating hours** using a quality multi-purpose lithium-based grease (NLGI #2). Greasing prevents premature wear of pins and bushings and ensures smooth jaw operation.

Grease Point Location	Number of Fittings	Interval
Upper jaw pivot pins (left and right)	2	Every 8–10 hours
Lower jaw pivot pins (left and right)	2	Every 8–10 hours
Cylinder rod end pins (left and right)	2	Every 8–10 hours
Cylinder base end pins (left and right)	2	Every 8–10 hours
Linkage pivot points	Varies	Every 8–10 hours

TIP

Pump grease into each fitting until fresh grease is visible at the pin/bushing joint. Wipe away excess grease to prevent dirt accumulation. In extremely dusty or wet conditions, consider greasing more frequently (every 4–6 hours).

8.3 Hydraulic System Maintenance

- Inspect all hoses, fittings, and couplers weekly for leaks, abrasion, or damage.

- Replace any hose that shows signs of cracking, bulging, abrasion through the outer cover, or fluid seepage.
- Keep coupler faces clean. Cap disconnected couplers to prevent contamination.
- Check cylinder rods monthly for scratches, pitting, or corrosion. Damaged rods will destroy cylinder seals.
- Monitor cylinder performance. Increasing drift or slower movement indicates worn seals.

8.4 Cutting Edge Inspection, Rotation, and Replacement

The Jenkins 4 in 1 Bucket features 3 reversible cutting edges, providing **6 total cutting surfaces** before replacement is needed.

Inspection

- Check cutting edges daily for wear. Replace or rotate when the edge is worn to within 1/4" of the bolt heads.
- Look for uneven wear patterns, which may indicate an alignment issue or improper operating technique.
- Inspect all mounting bolts for tightness. Re-torque as needed.

Rotation Procedure

34. Lower the bucket to the ground and shut off the machine.
35. Remove the mounting bolts from the cutting edge to be rotated.
36. Flip the cutting edge 180° to expose the unworn surface.
37. Reinstall mounting bolts and torque to the manufacturer's specification.
38. Repeat for remaining edges as needed.

Replacement

When both sides of a cutting edge are worn, replace with genuine Jenkins replacement cutting edges. Order Part Number from the Replacement Parts table in Section 10 or contact Jenkins Iron and Steel directly.

8.5 Cylinder and Hose Inspection

- Inspect cylinder rods monthly for scoring, pitting, or chrome damage.
- Check cylinder seals for leaks. A light film of oil on the rod is normal; dripping or running fluid indicates seal failure.
- Inspect cylinder mounting pins and bushings for wear. Replace if excessive play is detected.
- Check all hose routing to ensure hoses are not rubbing on sharp edges or being pinched during operation.

8.6 Tooth Replacement Procedure (If Equipped)

If your bucket is equipped with optional excavator teeth:

39. Lower the bucket to the ground and shut off the machine.
40. Remove the retaining pin or clip from the worn tooth.
41. Drive out the locking pin using a hammer and punch.
42. Remove the worn tooth from the tooth holder (adapter).
43. Inspect the tooth holder for wear. Replace if worn beyond limits.
44. Install the new tooth onto the holder.
45. Insert the locking pin and install the retaining clip.
46. Verify the tooth is secure and properly seated.

8.7 Bolt Torque Checks

Check and re-torque the following bolts at the intervals shown:

- **Cutting edge bolts:** Check weekly and after the first 2 hours of use on new edges.
- **Cylinder mounting hardware:** Check monthly.
- **Quick attach plate hardware:** Check monthly.
- **Tooth holder bolts (if equipped):** Check weekly.

8.8 Proper Storage

- Store the bucket on firm, level ground with the jaws fully closed.
- Cap all hydraulic coupler ends to prevent contamination.
- Retract cylinder rods fully to protect rod surfaces from corrosion.
- Apply a light coating of grease or oil to exposed cylinder rods if storing for extended periods.
- Grease all pivot points before long-term storage.
- Store in a covered area if possible to minimize exposure to weather.
- Block the bucket securely so it cannot tip or roll.

Section 9: Troubleshooting

Use the diagnostic table below to identify and resolve common issues. If the problem persists after following the recommended actions, contact Jenkins Iron and Steel for technical support.

Problem	Possible Cause	Recommended Action
Bucket won't open or close	Hydraulic hoses disconnected or reversed; coupler not fully seated; machine auxiliary circuit not engaged	Verify hose connections. Reseat couplers. Engage auxiliary hydraulic circuit on machine. Check machine hydraulic fuse/relay.
Slow jaw movement	Low hydraulic fluid; restricted hose; low machine hydraulic flow; cold hydraulic fluid	Check machine hydraulic fluid level. Inspect hoses for kinks or restrictions. Allow machine to warm up. Verify machine auxiliary flow rate meets requirements.
Uneven jaw movement (one side opens/closes faster)	Air in hydraulic system; one cylinder leaking internally; binding on one side	Cycle jaws fully open and closed 10–15 times to purge air. Inspect both cylinders for leaks. Check for debris or damage causing binding on pivot points.
Hydraulic fluid leaks at hose connections	Couplers not fully seated; damaged O-rings; cross-threaded fittings	Relieve pressure, disconnect, clean, and reseat couplers. Replace damaged O-rings or fittings. Do not over-tighten.
Hydraulic fluid leaks at cylinders	Worn cylinder seals; damaged cylinder rod; loose cylinder	Inspect cylinder rod for scratches or pitting. Replace seal kit if rod is in good condition.

Problem	Possible Cause	Recommended Action
	fittings	Replace cylinder if rod is damaged. Tighten fittings.
Uneven cutting edge wear	Bucket not level; operating on crowned surfaces; one edge section more worn	Verify bucket is mounted level. Adjust operating technique. Rotate or replace the worn edge section independently.
Excessive play/slop in jaws	Worn pivot pins and/or bushings; loose mounting hardware	Inspect pivot pins and bushings. Replace worn components. Check and tighten all mounting bolts.
Bucket won't hold material (slipping out)	Insufficient clamping pressure; worn cutting edges allowing gaps; internal cylinder leak	Verify full hydraulic pressure is reaching cylinders. Replace worn cutting edges. Check cylinders for internal bypass (slow drift open under load).
Bucket won't stay on quick attach	Locking pins not fully engaged; worn quick attach plate; damaged locking mechanism	Re-engage quick attach — visually confirm pins are locked. Inspect quick attach plate for wear. Service machine's locking mechanism. Do not operate until resolved.
Unusual noises during operation (grinding, popping, squealing)	Dry pivot points; worn bushings; loose hardware; debris trapped in jaw mechanism	Grease all pivot points. Inspect bushings for wear. Tighten all hardware. Remove trapped debris. Investigate and resolve before continuing operation.
Cylinder drift (jaws slowly open or close on their own)	Internal cylinder seal leakage; leaking control valve on machine; check valve failure	Test by disconnecting hoses and observing — if drift stops, issue is in machine's valve. If drift continues, cylinder seals need replacement.
Difficulty achieving a smooth grade	Worn cutting edges; bucket not level; operating speed too fast; improper technique	Replace or rotate worn cutting edges. Level the bucket. Reduce travel speed. Use float mode if available. Make multiple light passes.
Teeth breaking or wearing prematurely (if equipped)	Hitting rock or concrete; teeth not matched to application; loose teeth causing impact stress	Verify teeth are appropriate for the material. Check tooth retention pins and clips. Replace teeth before they wear to the adapter. Avoid striking large rocks.
Machine tipping forward with loaded bucket	Load exceeds machine's rated operating capacity; load positioned too far forward; operating on a slope	Reduce load size immediately. Keep loads close to the machine. Avoid operating on steep downhill grades with heavy loads. Know your machine's capacity.
Hose damage or abrasion	Hoses contacting sharp edges; improper routing; hoses pinched during jaw operation	Re-route hoses away from sharp edges and pinch points. Add hose guards or spiral wrap protection. Replace damaged hoses immediately.

Problem	Possible Cause	Recommended Action
Poor dozing performance	Worn cutting edges; bucket jaws not fully closed; insufficient down-pressure; operating in too-hard material	Replace or rotate cutting edges. Verify jaws close completely. Add down-pressure by adjusting arm position. Use teeth for hard material before dozing.

Section 10: Replacement Parts Reference

Genuine Jenkins replacement parts ensure proper fit, performance, and warranty coverage. Contact Jenkins Iron and Steel to order parts or to verify part numbers for your specific bucket model and size.

Part Description	Quantity per Bucket	Notes
Cutting Edges (set of 3)	1 set	Reversible; specify bucket width when ordering (72", 78", or 82")
Hydraulic Cylinder	2	Sold individually; specify left or right
Cylinder Seal Kit	2	Includes all seals, O-rings, and wear rings for one cylinder
Hydraulic Hoses	1 set	Supply and return lines; specify bucket model when ordering
1/2" Flat-Face Couplers	1 set (2 pairs)	Male and female ends for supply and return
Pivot Pins	Varies	Specify location (jaw pivot, cylinder rod end, cylinder base end)
Bushings	Varies	Specify location; sold individually
Grease Fittings (Zerks)	8+	Standard 1/4"-28 grease zerks
Excavator Teeth (optional)	Varies by width	Replaceable tip style; specify bucket width
Tooth Holders / Adapters (optional)	Varies by width	Weld-on or bolt-on; specify style and bucket width
Mounting Hardware Kit	1 kit	Includes all cutting edge bolts, lock nuts, and hardware
Quick Attach Plate	1	Universal skid steer mount; replacement for damaged plates

ORDERING PARTS

When ordering parts, please have the following information ready: bucket width (72", 78", or 82"), serial number (if available), and a description of the part needed. Call **(320) 732-2658** or toll-free **1.855.732.3843** for assistance.

Section 11: Warranty and Contact Information

11.1 Warranty Coverage

Jenkins Iron and Steel warrants the 4 in 1 Bucket against defects in materials and workmanship for a period of **two (2) years** from the date of original purchase. This warranty covers structural components including the bucket body, welds, pivot joints, and quick attach plate.

11.2 What Is Covered

- Defects in materials used in manufacturing
- Defects in workmanship, including weld failures under normal use
- Structural failure of the bucket body, sides, or bottom under normal operating conditions
- Hydraulic cylinder defects (materials and workmanship)

11.3 What Is NOT Covered

- **Normal wear items:** Cutting edges, excavator teeth, tooth holders, bushings, grease fittings, hoses, and seals
- **Damage from misuse or overloading:** Operating beyond the machine's rated capacity, using the bucket as a pry bar, dropping the bucket, or impact damage
- **Unauthorized modifications:** Any welding, cutting, drilling, or structural modifications not approved by Jenkins Iron and Steel

- **Improper maintenance:** Failure to grease, inspect, or maintain the bucket per this manual
- **Normal cosmetic wear:** Paint, surface rust, scratches, and dents from normal operation
- **Damage from accidents, natural disasters, or acts of God**

11.4 Warranty Claim Process

47. **Contact Jenkins Iron and Steel** by phone or through the website to report the issue. Provide your name, purchase date, bucket size, and a detailed description of the problem.
48. **Provide photographs** of the damage or defect. Clear, well-lit photos from multiple angles help expedite the review process.
49. **Jenkins will evaluate** the claim and determine warranty coverage. Additional information or inspection may be required.
50. **If the claim is approved,** Jenkins will repair or replace the defective component at its discretion. Shipping costs for warranty parts will be determined on a case-by-case basis.
51. **Retain your proof of purchase.** Original purchase receipt or invoice is required for all warranty claims.

11.5 Contact Information

Contact Method	Details
Mailing Address	Jenkins Iron and Steel 23023 US 71 Long Prairie, MN 56347

Contact Method	Details
Phone	(320) 732-2658
Toll-Free	1.855.732.3843
Website	www.jenkinsiron.com

Jenkins Iron and Steel

23023 US 71, Long Prairie, MN 56347

(320) 732-2658 | Toll-Free: 1.855.732.3843 | www.jenkinsiron.com

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