

EZEE-ON

MODEL 2020

FRONT - END LOADER

OWNERS' MANUAL and PARTS LIST

Manufactured
By

EZEE-ON MANUFACTURING

Vegreville, Alberta
Canada

Printed in Canada

620A

frontloader2020_01man.doc

EZEE-ON MANUFACTURING

Warranty Registration Form

NOTE: Warranty reimbursement is contingent upon product registration. Please complete this form and forward by mail or fax to the address above.

OWNERS NAME: _____

ADDRESS: _____

CITY: _____ STATE/ PROVINCE: _____

POSTAL/ ZIP CODE: _____

PHONE #: _____

EMAIL Address: _____

Model Purchased: _____

Serial Number: _____

Dealer's Name: _____

Dealer's Location: _____

I/ We acknowledge receipt of the Owner's manual for the above specified implement and acknowledge that the Owner's Manual contains the Limited Warranty Statement governing the implement purchased and also contains information vital to the proper and safe operation of this equipment.

Owner's Signature(s)

Date Signed



EZEE-ON MANUFACTURING

Limited Warranty Policy

Gee-On Manufacturing's products are warranted to the original non-commercial purchaser to be free from defects in material and workmanship for a minimum period of twelve (12) months from the original date of purchase.

Ezee-On Manufacturing's obligation under this warranty shall be limited to the repair or exchange, at Ezee-On's option, free of charge to the original purchaser, any part or component that, in our judgment, shows evidence of such defect. Further, that such part shall be returned within thirty (30) days from date of failure to Ezee-On Manufacturing, routed through the dealer and distributor from whom the equipment was purchased, **transportation charges prepaid.**

This warranty shall not be interpreted to render bee-On Manufacturing liable for injury or damages of any kind or nature to person or property. This warranty does not include claims for, or extend to the loss or damage of crops, loss because of delay in seeding/planting or harvesting, or any expense or loss incurred for labor, substitute machinery, rental, transportation expense or for any other reason.

Except as set forth above, Gee-On Manufacturing shall have no obligation or liability of any kind on account of any of its equipment and shall not be liable for special or consequential damages. Ezee-On Manufacturing makes no other warranty, expressed or implied, and, specifically, Gee-On Manufacturing disclaims any implied warranty or merchantability or fitness for a particular purpose. The purchaser is solely responsible for determining suitability of Ezee-On equipment purchased. This warranty is subject to any existing conditions of supply, which may directly affect our ability to obtain materials or manufacture replacement parts.

Ezee-On reserves the right to make improvements in the design of products and/or changes in specifications at any time, without incurring any obligation to owners of units previously sold. No one other than bee-On Manufacturing is authorized to alter, modify or enlarge this warranty.

Genuine Ezee-On replacement parts and components will be warranted for 90 days from date of purchase, or the remainder of the original equipment warranty period, whichever is longer.

Under no circumstances will this warranty cover any merchandise or components thereof, which, in the opinion of the Company, has been subjected to misuse, unauthorized modifications, alteration, an accident or if repairs have been made with parts other than those obtainable through Ezee-On Manufacturing.

Commercial Use: Warranty for commercial, rental or custom use of any Ezee-On product is limited to 90 days, parts and labor.

Twelve **Months** Warranty:

All bee-On manufactured products are warranted for twelve consecutive months from the date of delivery of the new bee-On product to the original non-commercial purchaser.

- 1-12 Months: 100% parts and labor coverage

Extended Coverage Limited Warranty (24 additional months):

Air Drills, Coulter Drills, Air Carts, Cultivators, Chisel Plows, Offset and Tandem Discs and Post Drivers carry limited extended warranty. Ezee-On Manufacturing's obligations under this extended warranty coverage shall be limited to repair or exchange, at Gee-On Manufacturing's option, for the original, non-commercial owner:

- 13-24 Months: 100% Ezee-On manufactured components only, NO labour – see below for description
25-36 Months: 50% Ezee-On manufactured components only, NO labour – see below for description

Gee-On manufactured components are, but not limited to: frames, axles, hitches, castor assemblies, packers, turnbuckles, rockshafts, packer frames, packers – steel, tanks – air cart seed and fertilizer tanks, seed cups, metering rollers.

NON Gee-On manufactured components are, but not limited to: Monitors, tires, rims, bearings, hydraulics: motors, pumps, controls, cylinders, hoses and valves; sprockets, chain, rubber packer wheel tires, polyurethane wheel mounted packers, coulter blades, shanks, springs, bolts, pulleys, air hoses, sweeps, spikes, spoons, seals, power wheels, hitch jacks, hubs and wheels.

The Company in no way warrants engines, batteries, coulter assemblies, rubber tires, or other trade accessories since these items are warranted separately by their respective manufacturers.

T2-215 Bearing Extended Coverage Limited Warranty:

Seven year limited warranty: Extended coverage (13-84 months) on T2-215 Series bearing is limited to the replacement of ball bearings and seals for the original, non-commercial owner. Associated bearing parts, labor, freight, etc., are not covered.

Warranty Limitations and/ or Exclusions:

1. Buckets & bucket tines, bale spears & tines, grapple tines, pallet forks, shanks, all ground engaging tools, disc openers and disc blades, air seeder hose and normal wear parts/ items carry NO warranty.
2. There is no warranty coverage if parts or attachments, other than those made or marketed by Ezee-On Manufacturing have been used in connection with the unit, and in the sole judgment of Gee-On, such use affects its performance or reliability.
3. If the equipment has been altered or repaired in a manner which, in the sole judgment of Ezee-On, affects its performance, stability or reliability.
4. The purchaser shall be responsible for dealer travel time to the machine or to deliver the machine to the dealer's service shop for repair. Gee-On Manufacturing does not cover delivery charges or travel time.

This warranty policy is subject to change without prior written notice at Ezee-On Manufacturing's sole discretion

Revision: September 1, 2004

INTRODUCTION

We feel that you have made a wise choice in purchasing an Ezee-On Loader. In the loader you have purchased are incorporated many features and improvements in design which the farmer has requested. We ask that you operate this machine wisely. We are confident that with correct adjustments and reasonable care, your new Ezee-On loader will serve you well.

This manual is made available for you as a handy reference and contains instructions for setting up and operating.

READ THIS BOOK CAREFULLY TO ENSURE THAT **YOUR** NEW LOADER IS ASSEMBLED AND MOUNTED PROPERLY.



Right and left is determined by standing behind the machine and facing forward, in the direction of travel.

Ezee-On reserves the right to make changes in the model or specifications without any obligations as to replacement or modification in previous machines.



This symbol is used to identify important "CAUTION" and "IMPORTANT" messages. When you see this symbol, read the safety message carefully.

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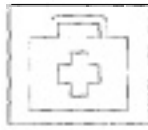
LOADER SAFETY RECOMMENDATIONS



Watch for this symbol. It identifies important safety messages. When you see this symbol, read the safety message carefully

GENERAL SAFETY

1. Never allow anyone to ride on any portion of the loader or tractor. The person may fall and be seriously or fatally injured.
2. Machinery should be operated ONLY by a person(s) responsible and qualified to do so. In case of a breakdown or injury, the person(s) should be familiar with repair procedures and temporary First Aid Treatment.
3. Never allow anyone to climb or play on the loader and tractor. The person may fall and be seriously or fatally injured.
4. Follow all safety precautions in your tractor manual.
5. Keep a First Aid Kit in the tractor.

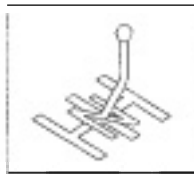


ASSEMBLY SAFETY

1. Before starting to assemble loader, cut shipping bands which secure bucket cylinder and linkage, be sure to remove wooden block between bucket cylinder and frame.
2. Use an aligning punch to line up holes. Keep your fingers out of these holes. Heavy component could move causing serious injury.
3. Use a hoist or adequate manpower to lift the heavy components into place. Use adequate jacks or support material.
4. Be sure all bolts and hydraulic fittings are tight, and all cotter pins are installed in pins and slotted nuts. Loose bolts, hydraulic fittings and missing cotter pins may result in serious damage to the loader and tractor, and possible personal injury.
5. Place adequate support under the bucket when installing or removing bucket teeth. If the hydraulic system failed, or if the hydraulic lever was accidentally operated, the bucket will drop, resulting in serious injury.
6. Always use wood or cardboard as a backstop against spurting fluid. Wear gloves and eye protection when searching the hydraulic system for leaks. Hydraulic fluid escaping under pressure can cause personal injury by penetrating skin. If injured, get medical attention immediately.
7. Do not disassemble or loosen hydraulic components when there is pressure within those components. Parts and fluid could fly out at a high velocity, causing serious injury to those nearby.

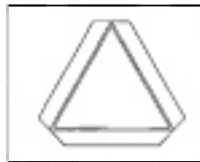
MAINTENANCE SAFETY

1. Do not disassemble or loosen hydraulic components when there is pressure within those components. Parts and fluid could fly out at a high velocity, resulting in serious injury. Always relieve the pressure in the hydraulic system.
2. Always use wood or cardboard as a backstop, and wear gloves and eye protection when searching the hydraulic system for leaks. Hydraulic fluid escaping under pressure can cause personal injury by penetrating the skin. If injured, get medical attention immediately.
3. Always relieve the pressure in the hydraulic system before making any adjustments or when parking the loader. Hydraulic fluid escaping under pressure can cause personal injury by penetrating the skin.
 - a) If injured by escaping hydraulic fluid, see a medical doctor immediately. Serious infection or a reaction can develop if proper medical attention is not administered at once.
 - b) Always permit parts which contain hot fluid to cool to a safe temperature before handling or disconnecting these parts.
4. Be sure all hydraulic cylinders are completely filled with hydraulic fluid to avoid loader free-fall or sudden movements. If the cylinders are not completely filled, the loader will drop.
5. Lower the loader arms when parking or servicing the loader and tractor. If the hydraulic lever was accidentally operated, or if any other component of hydraulic system failed, the loader will fall causing serious injury or death to person(s) nearby.
6. Do not service or adjust the loader while the tractor and loader are in operation. Serious injury may occur if you are caught or struck by moving heavy components. When servicing or adjusting the loader, always put all tractor controls in neutral, set the park brake and shut the engine off.



TRANSPORT SAFETY

1. Use the "SMV emblem and warning lights for the protection of the tractor and other motor vehicle operators when transporting the loader on public roads. Check local laws regarding transport regulations.



2. Keep the loader arms in a low position during transport at all times, especially when carrying a load. Carrying the loader in a raised position will decrease tractor stability resulting in possible tractor upset causing serious damage to the loader and tractor, and serious injury or death to you or those nearby.

TRANSPORT SAFETY CONTINUED:

3. Never transport the loader with the bucket (or any other attachment) in the "DUMP" position. If the hydraulic system failed, or if the hydraulic lever was accidentally operated, the loader will drop, causing the bucket (or attachment) to dig into the ground. This may result in serious injury or death to the operator and serious damage to the tractor and loader, especially if the tractor is moving at a high rate of speed.

Transporting the loader with the bucket (or any other attachment) in the "MAXIMUM ROLLBACK" position will minimize the injury to the operator and damage to the tractor and loader should the loader drop while it is in motion.

4. Regulate your speed on hillsides and curves to reduce the danger of tipping over. Moving at high speeds on hillsides or on curves will increase the danger of tipping over, especially when carrying a load.



OPERATION SAFETY

1. Make sure the person(s) nearby are standing clear before you start to move the tractor and loader. The person(s) may be struck or caught by the moving tractor, resulting in serious injury or death.
2. Use extra care when operating the tractor and loader on hillsides. Operating the tractor and loader at high speeds on hillsides will increase the danger of tipping over, especially when carrying a load.
3. Never stand under any part of the loader or attachment when the loader arms are in a raised position. If the hydraulic system failed, or if the hydraulic lever was accidentally operated, or if any other component failed, the loader or attachment will drop, resulting in serious injury or death to you or those nearby.
4. Move and turn the tractor at low speeds. Operating the tractor at high speeds reduces tractor stability, causing possible tractor upset which could result in serious injury or death to the operator and serious damage to the loader and tractor.
5. Do not try lifting loads beyond the capacity of the loader. Possible tractor upset caused by tractor instability could result in serious injury or death to the operator and serious damage to the tractor and loader.
6. Never use the loader (or any other attachment) as a man-lift. If the hydraulic system failed, or if the hydraulic lever was accidentally operated, or if any other component failed, the loader (or attachment) will drop, resulting in serious injury or death.
7. When raising a load, level attachment at higher lifting ranges to prevent material from falling on to tractor and/or operator. Falling material may cause serious injury or death to operator and serious damage to tractor and loader.
8. Add necessary wheel ballast or rear weights to increase tractor stability.
9. Move the tractor wheels to their widest possible setting to increase tractor stability.

OPERATION SAFETY CONTINUED:

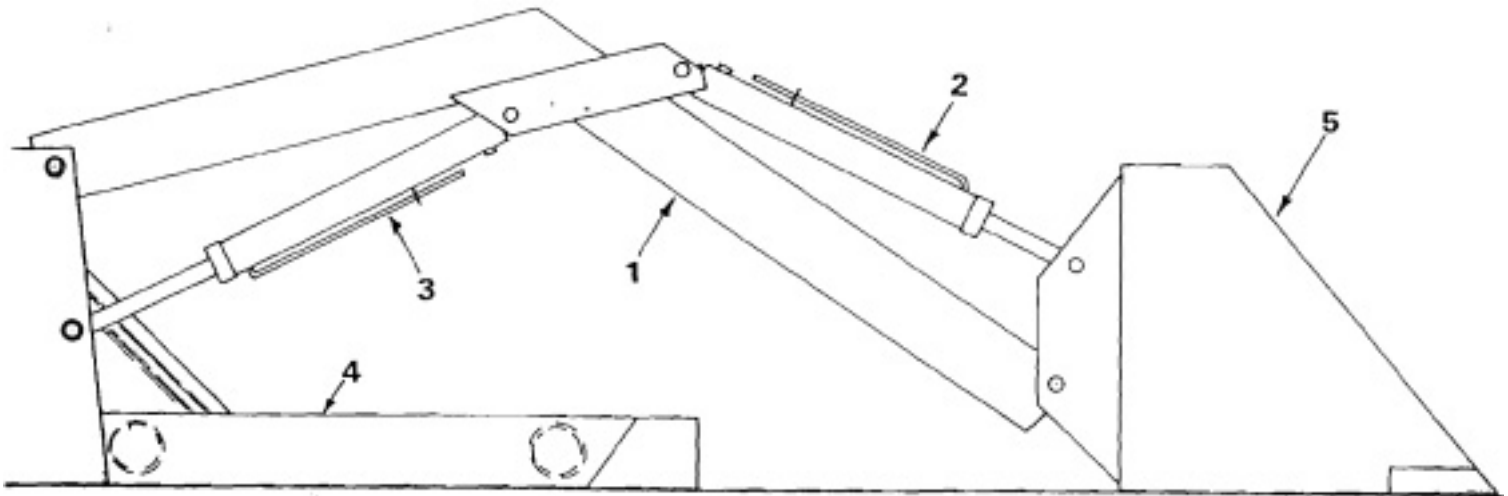
10. Always relieve the hydraulic systems pressure when it is not in operation. Hydraulic fluid escaping under pressure could penetrate the skin, causing serious injury.
11. Use a Grapple Fork **ONLY** when carrying round bales with the bucket, or use an approved Round Bale Fork. Use of unapproved forks attached to the bucket, or any other unapproved attachments to carry round bales may result in injury or death to operator or person(s) nearby and serious damage to the loader due to bale instability. Bale instability can result in bale falling off attachment while being raised or transported.
12. Never leave Loader unattended in raised position. Always lower attachment to ground when loader is not being used. Serious injury or death may result to person(s) nearby if loader dropped or load fell off attachment.

SAFETY DECALS

1. Keep all decals clean and in good condition to provide you with a constant reminder of safe operating procedures.
2. Replace any destroyed, missing or illegible decals.

**BE CAREFUL...
AVOID ACCIDENTS!!!**

ILL. 1



ASSEMBLY INSTRUCTIONS

1. Attach mount brackets to tractor (see instruction sheet in bolt package). See ILL.1.
2. Install four (4) grease fittings in main frame, arrow 1, and two (2) grease fittings in each hydraulic cylinder, arrows 2 & 3. See ILL.1.
3. Position yoke, arrow 4, on ground as shown in ILL.1.

NOTE: To assemble the yoke, main frame and bucket, it maybe necessary to spread apart the arms of the main frame, arrow 1, with a jack.



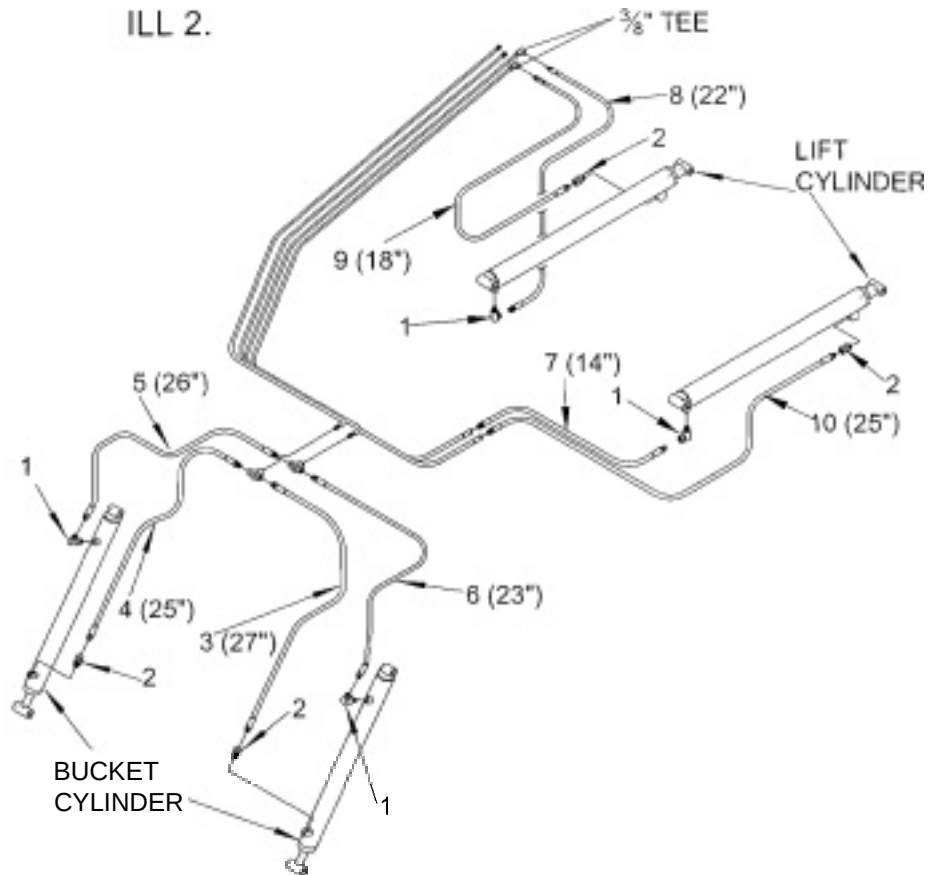
CAUTION: WHEN ASSEMBLING THE LOADER USE ALIGNING PUNCH TO ALIGN HOLES. KEEP FINGERS OUT OF THESE HOLES. LOADER COMPONENTS COULD MOVE, CAUSING SERIOUS INJURY.



CAUTION: WHEN ASSEMBLING LOADER USE HOIST, OR USE ADEQUATE MANPOWER TO LIFT HEAVY COMPONENTS INTO PLACE. USE ADEQUATE JACKS OR SUPPORT MATERIAL.

4. See ILL.1. Attach the main frame, arrow 1, to the top pins of the yoke assembly, arrow 4. Secure each pin with one (1) 3/16" x 1-1/4" cotter pin. See ILL. 1.
5. See ILL.1. Attach the bucket, arrow 5, to the main frame using the bottom bucket attaching pins. Secure each pin with one (1) 3/16" x 1-1/4" cotter pin. See ILL. 1.
6. See ILL.1. Attach (2) 1-3/4" x 12" bucket cylinders, arrow 2, with the tube end attached to the cylinder lug on the main frame, and the shaft end attached to the top bucket attaching pins. Ports on the cylinders must be facing up. Position shaft end cross tube so grease fitting is facing up. Secure each pin with one (1) 3/16" x 1-1/4" cotter pin. See ILL.1.
7. See ILL.1. Attach (2) 1-3/4" x 12" lift cylinders, arrow 3, with the shaft end attached to the bottom attaching pin of the yoke assembly, and the tube end attached to the main frame, arrow 1. The ports on the cylinders **must** be facing down. Position shaft end cross tube so grease fitting is facing down. Secure each pin with one (1) 3/16" x 1-1/4" cotter pin. See ILL. 1.

ILL. 2.



CONNECTING HYDRAULIC SYSTEM - SEE ILL. 2.

IMPORTANT: CLEANLINESS IS ABSOLUTELY NECESSARY TO PREVENT CONTAMINATION WHEN HOOKING UP HYDRAULIC COMPONENTS. HANDLE THE FITTINGS CAREFULLY. DO NOT REMOVE THE CAPS FROM THE PIPE AND HOSE UNTIL ALL FITTINGS ARE INSTALLED.

NOTE: Use good quality sealant on fittings and hoses to prevent leaks.

- a) Install one (1) 3/8" x 90 degree swivel street elbows, arrow 1, in each barrel end port of each lift and bucket cylinder.
- b) Install one (1) 3/8" male-female swivel adapter, arrow 2, on each shaft end port of each bucket cylinder and lift cylinder.
- c) Connect one (1) 3/8" x 27" hydraulic hose, arrow 3, one (1) 3/8" x 26" hydraulic hose, arrow 5, one (1) 3/8" x 23" hydraulic hose, arrow 6, and one (1) 3/8" x 25" hydraulic hose, arrow 4, from the center oil lines to the bucket cylinders. Follow the hose pattern in ILL. 2.
- d) Connect one (1) 3/8" x 22" hydraulic hose, arrow 8, one (1) 3/8" x 18" hydraulic hose, arrow 9, from 3/8" tees at rear of bottom oil lines to the R.H. lift cylinders. Follow the hose pattern shown in ILL. 2.
- e) Connect one (1) 3/8" x 25" hydraulic hose, arrow 10, one (1) 3/8" x 14" hydraulic hose, arrow 7, from L.H. oil lines to the L.H. lift cylinder. Follow the hose pattern in ILL. 2.
- f) Connect four (4) long hoses to the four (4) oil lines at the rear of the loader. Install four (4) male coupler tips to the other end of the same hoses, and connect these hoses to the tractor's hydraulic system.
- g) Pump hydraulic fluid into the bucket and lift cylinders. Insure all hydraulic cylinders are completely filled with hydraulic fluid before operating the loader.

CONNECTING HYDRAULIC SYSTEM CONTINUED:

IMPORTANT: BEFORE MOUNTING THE LOADER ONTO THE TRACTOR, LUBRICATE THE MOUNTING CHANNELS ON THE TRACTOR, AND THE MOUNTING TUBES OF THE YOKE, ARROW 4 IN ILL. 1, WITH GREASE.

- h) To mount the loader onto the tractor, raise the rear of the yoke by extending the lift cylinders. Drive the tractor, with the Ezee-On mounts installed, between the uprights of the yoke so the rear yoke mounting tubes slide into the mounting channel and lock behind the channel latches. Raise the yoke to horizontal position by contracting the lift cylinders. Drive the tractor ahead until the front yoke mounting tubes slide into the mounting channels and lock behind the channel latches (see mounting instructions on page 9).



CAUTION: TO AVOID THE LOADER FREE-FALLING OR MOVING SUDDENLY, INSURE THE HYDRAULIC CYLINDERS ARE COMPLETELY FILLED **WITH** HYDRAULIC FLUID.

LUBRICATION

1. Grease the mount bracket channels and yoke mounting tubes whenever they become dry.
2. Grease the cylinders and main frame pivot pins when necessary.

MAINTENANCE & STORAGE

1. Check oil lines and hoses periodically for signs of ruptures.



CAUTION: ESCAPING HYDRAULIC FLUID UNDER PRESSURE CAN CAUSE PERSONAL **INJURY** BY PENETRATING THE SKIN. ALWAYS RELIEVE SYSTEM PRESSURE BEFORE MAKING ADJUSTMENTS TO THE HYDRAULIC SYSTEM

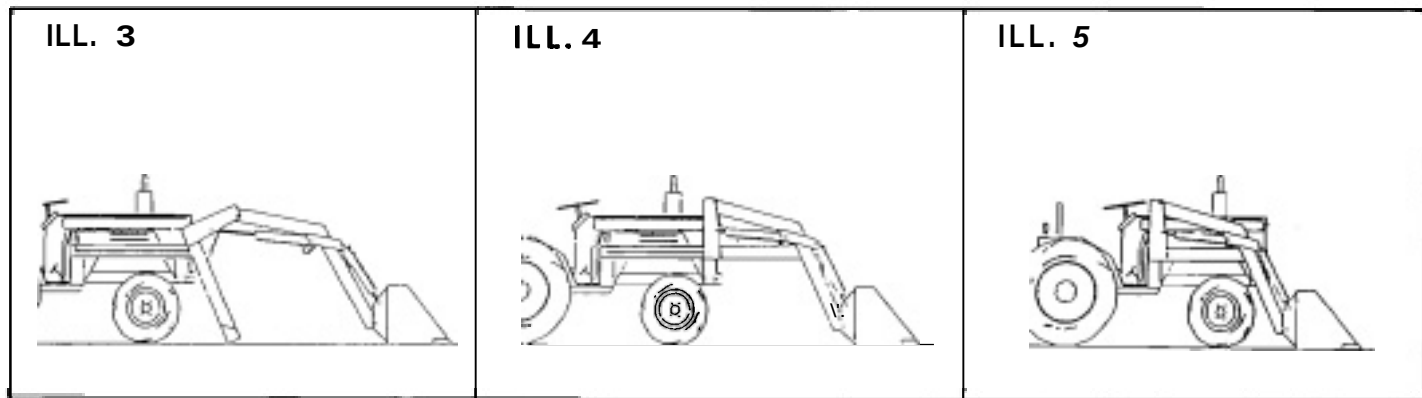


CAUTION: DO NOT DISASSEMBLE OR LOOSEN HYDRAULIC COMPONENTS WHEN THERE IS PRESSURE WITHIN THOSE COMPONENTS. HYDRAULIC COMPONENTS UNDER PRESSURE MAY CAUSE PARTS AND **FLUID TO** FLY OUT AT A **HIGH** VELOCITY, WHICH COULD CAUSE SERIOUS INJURY. ALWAYS **RELIEVE** THE PRESSURE IN THE HYDRAULIC SYSTEM BEFORE REPAIRING OR MAKING ADJUSTMENTS TO THE HYDRAULIC SYSTEM.

2. When the loader is dismounted from the tractor and is sitting on the ground, contract all the hydraulic cylinders to protect the cylinder shafts from the weather and possible accidental damage.
3. Keep the mounting bolts tight and be sure all loader pins are secured with cotter pins.



CAUTION: DO NOT SERVICE OR **ADJUST** THE LOADER WHILE THE TRACTOR AND LOADER ARE IN OPERATION. IF YOUR **ARE** STRUCK OR CAUGHT BY **HEAVY** MOVING COMPONENTS, SERIOUS INJURY OR DEATH MAY OCCUR. ALWAYS PUT ALL TRACTOR CONTROLS IN NEUTRAL. SET THE PARK BRAKE AND SHUT OFF ENGINE WHEN SERVICING THE LOADER.



OPERATION

1. LOADER MOUNTING INSTRUCTIONS

TO MOUNT, THE LOADER MUST BE SITTING **ON** THE GROUND IN THE POSITION SHOWN ABOVE IN ILL.3.

If the loader is sitting flat on ground, as shown in ILL.1, it can be raised into the position shown in ILL.3 by attaching the hydraulic lines to the tractor hydraulic system and extending the lift cylinders.

STEP 1 Drive the tractor between the uprights of the yoke assembly. The rear yoke mounting tubes are to slide into the mount bracket channels and lock behind the channel latches. see ILL.3.

STEP 2 Attach **hydraulic** hoses to the tractor's hydraulic system.

STEP 3 Using the lift cylinders, pivot the yoke assembly into a horizontal position. See ILL.4.

STEP 4 Drive the tractor into the loader so that the front yoke mounting tubes slide into the mount bracket channels and lock into position. The loader is securely mounted on the tractor when the channel latches are down in front of the front yoke mounting tubes. See ILL.5.

2. To take the loader off the tractor, lift channel latches and reverse the steps listed above.

IMPORTANT: WHEN TRANSPORTING THE LOADER, ALWAYS ROLL THE BUCKET OR OTHER ATTACHMENTS INTO THE "MAXIMUM ROLLBACK POSITION".



CAUTION: NEVER TRANSPORT THE LOADER **WITH** THE BUCKET OR OTHER ATTACHMENT IN THE "DUMP" POSITION. IF THE HYDRAULIC SYSTEM FAILS OR IF THE HYDRAULIC LEVER IS ACCIDENTALLY OPERATED, THE LOADER COULD DROP, CAUSING THE BUCKET OR ATTACHMENT TO DIG INTO THE **GROUND**. **THIS** COULD RESULT IN SERIOUS **INJURY** OR DEATH TO THE OPERATOR AND SERIOUS DAMAGE TO THE **LOADER** AND TRACTOR, ESPECIALLY WHEN THE **LOADER** IS BEING TRANSPORTED AT **HIGH** SPEEDS. ALWAYS TRANSPORT THE LOADER **WITH** THE ATTACHMENT IN MAXIMUM ROLLBACK POSITION.

3. Add the necessary wheel ballast on the rear weights to increase the tractors' stability.

4. Move the tractor wheels to their widest possible setting to increase the tractors' stability.

OPERATION CONTINUED:

5. When the loader is mounted on a tractor exceeding 35 H.P., or if the tractor is equipped with front wheel assist drive, discretion should be used when operating the loader. Excessive use of horsepower could result in serious damage to the loader.



CAUTION: KEEP THE LOADER ARMS IN A LOW POSITION DURING TRANSPORT AT ALLTIMES, ESPECIALLY WHEN CARRYING A LOAD. CARRYING IN A RAISED **POSITION** WILL DECREASETRACTOR STABILITY, RESULTING IN **POSSIBLE TRACTOR** UPSET, SERIOUS DAMAGE TO THE LOADER AND TRACTOR, AND SERIOUS INJURY OR DEATH TO YOU OR THOSE NEARBY.



CAUTION: **MOVE** AND TURN TRACTOR AT LOW SPEEDS. OPERATING THE TRACTOR AT **HIGH** SPEEDS REDUCES TRACTORS= STABILITY, CAUSING POSSIBLE TRACTOR UPSET, WHICH COULD RESULT IN SERIOUS INJURY OR DEATH TO THE OPERATOR AND SERIOUS DAMAGE TO THE LOADER AND TRACTOR.



CAUTION: NEVER STAND UNDER ANY PART OF THE LOADER OR ATTACHMENT WHEN THE LOADER ARMS ARE IN A RAISED POSITION. IF ANY COMPONENT OF THE HYDRAULIC **SYSTEM** FAILED, OR IF THE HYDRAULIC LEVER WAS ACCIDENTALLY OPERATED, OR IF ANY OTHER COMPONENT FAILED, THE LOADER OR ATTACHMENT WILL DROP CAUSING SERIOUS INJURY OR DEATH TO YOU OR **PERSON(S)** NEARBY.

6. **IMPORTANT:** DO NOT WELD OR BOLT ANY ATTACHMENT, SUCH AS A ROUND BALE SPEAR OR BOOM, TO THE TOP OF THE BUCKET BLADE. SEVERE DAMAGE WILL OCCUR TO THE BUCKET WHEN A LOAD IS CONCEIYTRATED AT ONE POINT.



CAUTION: DO NOT TRY LIFTING A LOAD BEYOND THE CAPACITY OF **THE** LOADER. POSSIBLE TRACTOR UPSET CAUSED BY TRACTOR **INSTABILITY COULD** RESULT IN SERIOUS INJURY OR **DEATH** TO THE OPERATOR AND SERIOUS **DAMAGE TO** THE LOADER AND TRACTOR.

7. Do not attempt to lift a load at the corner of the bucket. Lifting a load at the corner of the bucket could twist and distort the bucket. Always distribute the weight evenly from the center of the bucket.
8. Never leave Loader unattended in raised position. Always lower attachment to ground when loader is not being used. Serious injury or death may result to person(s) nearby if loader dropped or load fell off attachment.

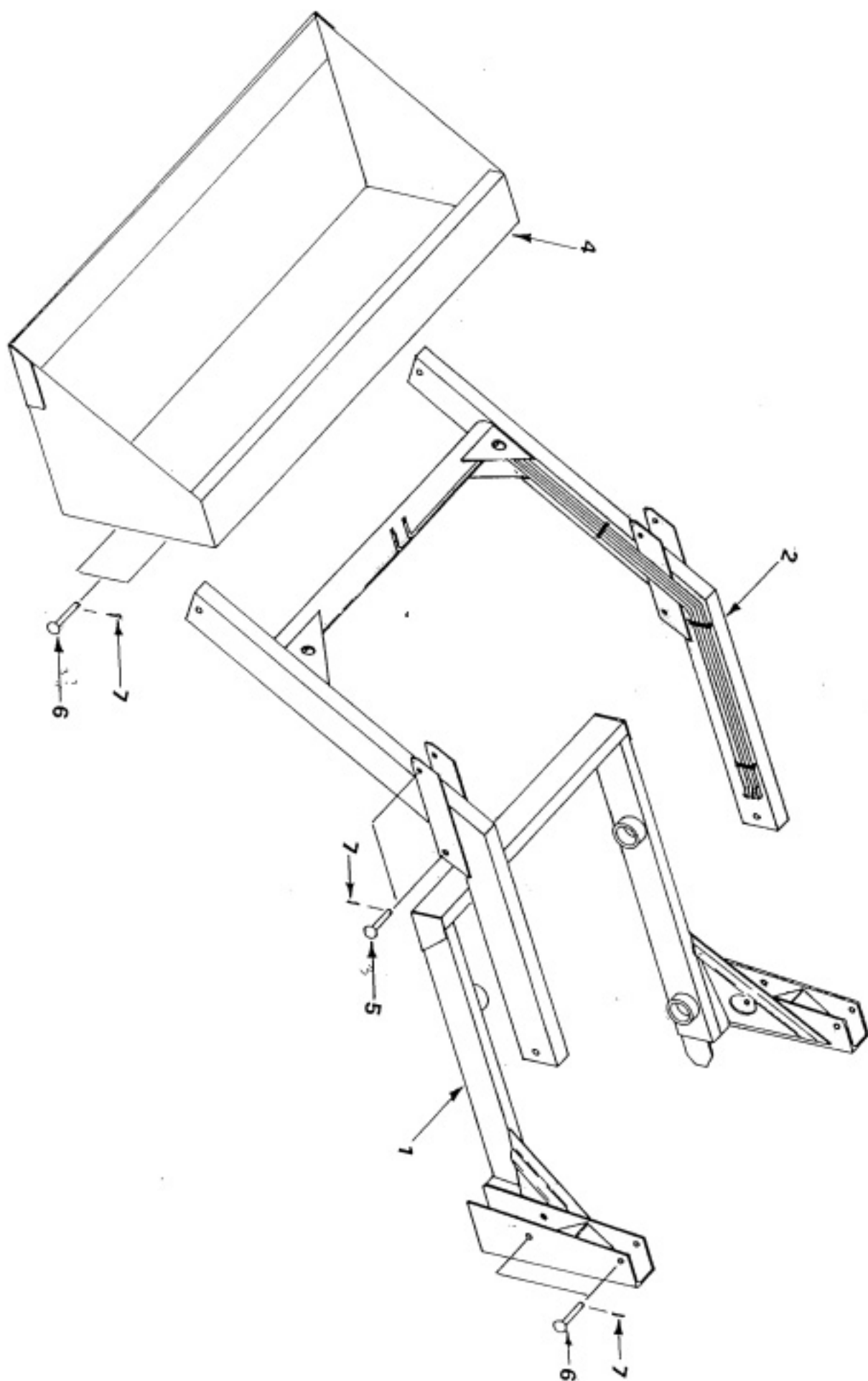
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PAINT & DECALS

PART NO.	DESCRIPTION	QTY. REQ'D
L415	Ezee-On Decal	3
L014/L017	Caution Decal	1
L015	Black Paint (1 Quart Can)	*
L016	Black Paint (1/2 Pint Can)	*

* As Required

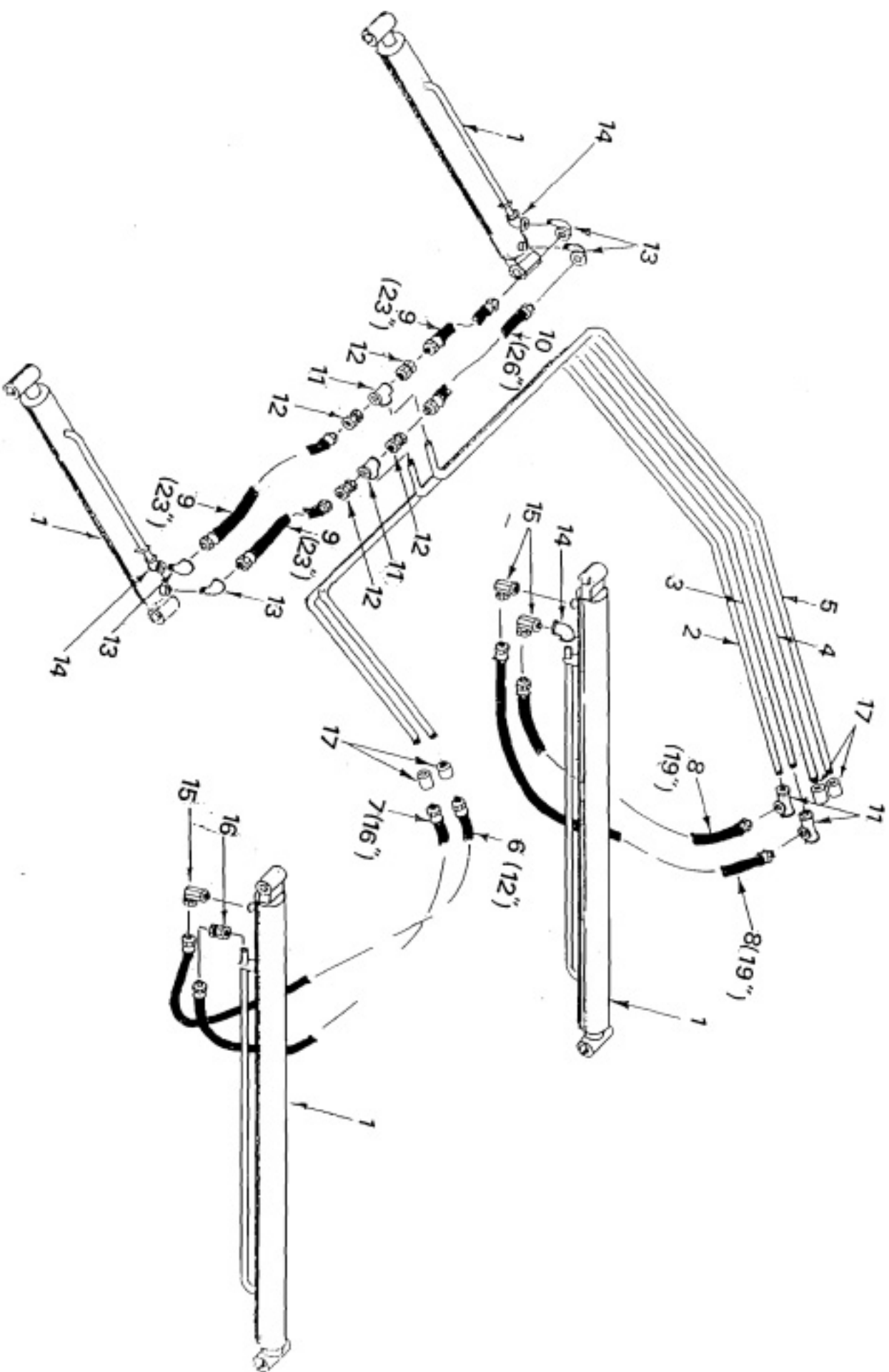


MODEL 20 LOADER

H-FRAME, YOKE & BUCKET

REF NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	LB200	Yoke Assembly, c/w (four) 4 Pins	1
2	LB215	Main Frame Assembly c/w (four) 4 Pins	1
3	LB365	48" Bucket Assembly c/w (four) 4 Pins	*
	LB375	54" Bucket Assembly c/w (four) 4 Pins	*
	LB380	60" Bucket Assembly c/w (four) 4 Pins	*
Back of Bucket		Bucket Attaching Lug (Weld-On)	4
4	L348	48" Bucket Blade (Weld-On)	*
	L358	54" Bucket Blade (Weld-On)	*
	L363	60" Bucket Blade (Weld-On)	*
5	L643	3/4" x 2-13/16" Pin	4
6	L667	3/4" x 3-11/16" Pin	8
7		3/16" x 1-1/4" Cotter Pin	12
Not Shown	10GN1	1/4" - 28 Grease Fitting	4

* As Required

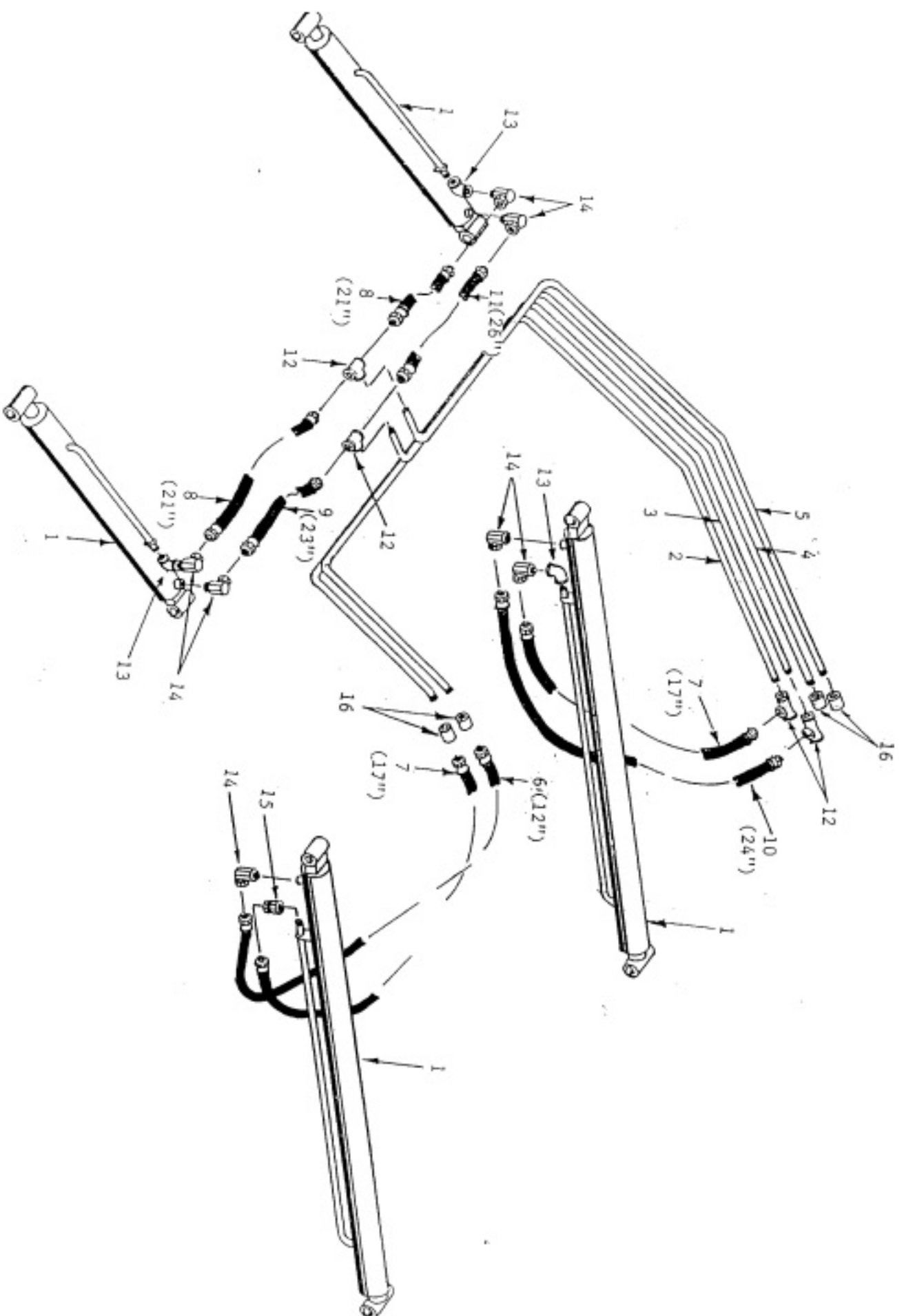


MODEL 2020 HYDRAULIC SYSTEM
for MODELS PRIOR to SERIAL NO. #32103

HYDRAULIC SYSTEM
(FOR MODELS PRIOR TO SERIAL NO. 32103)

REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
1	150	Bucket and Lift Cylinder - See Cylinder Parts List Instructions on Page 20.	4
2	L230	Bottom 1 Hydraulic Oil Line	1
3	L231	Bottom 2 Hydraulic Oil Line	1
4	L232	Bottom 3 Hydraulic Oil Line	1
5	L233	Bottom 4 Hydraulic Oil Line	1
6	H12-3	Hydraulic Hose - 1/4" x 12", 3/8" N.P.T. Ends	1
7	H16-3	Hydraulic Hose - 1/4" x 16", 3/8" N.P.T. Ends	1
8	H19-3	Hydraulic Hose - 1/4" x 19", 3/8" N.P.T. Ends	2
9	H23-3	Hydraulic Hose - 1/4" x 23", 3/8" N.P.T. Ends	3
10	H26-3	Hydraulic Hose - 1/4" x 26", 3/8" N.P.T. Ends	1
11	L1617	3/8" Tee Joint	4
12	L1619	3/8" Male-Female Swivel	4
13	L1618	3/8" x 90 Degree Street Elbow	4
14	DL5276	3/8" x 90 Degree Elbow	3
15	DL9769	3/8" x 90 Degree Swivel Street Elbow	3
16	L29	3/8" Female Swivel	1
17	DL5280	3/8" Coupler	4

* As Required

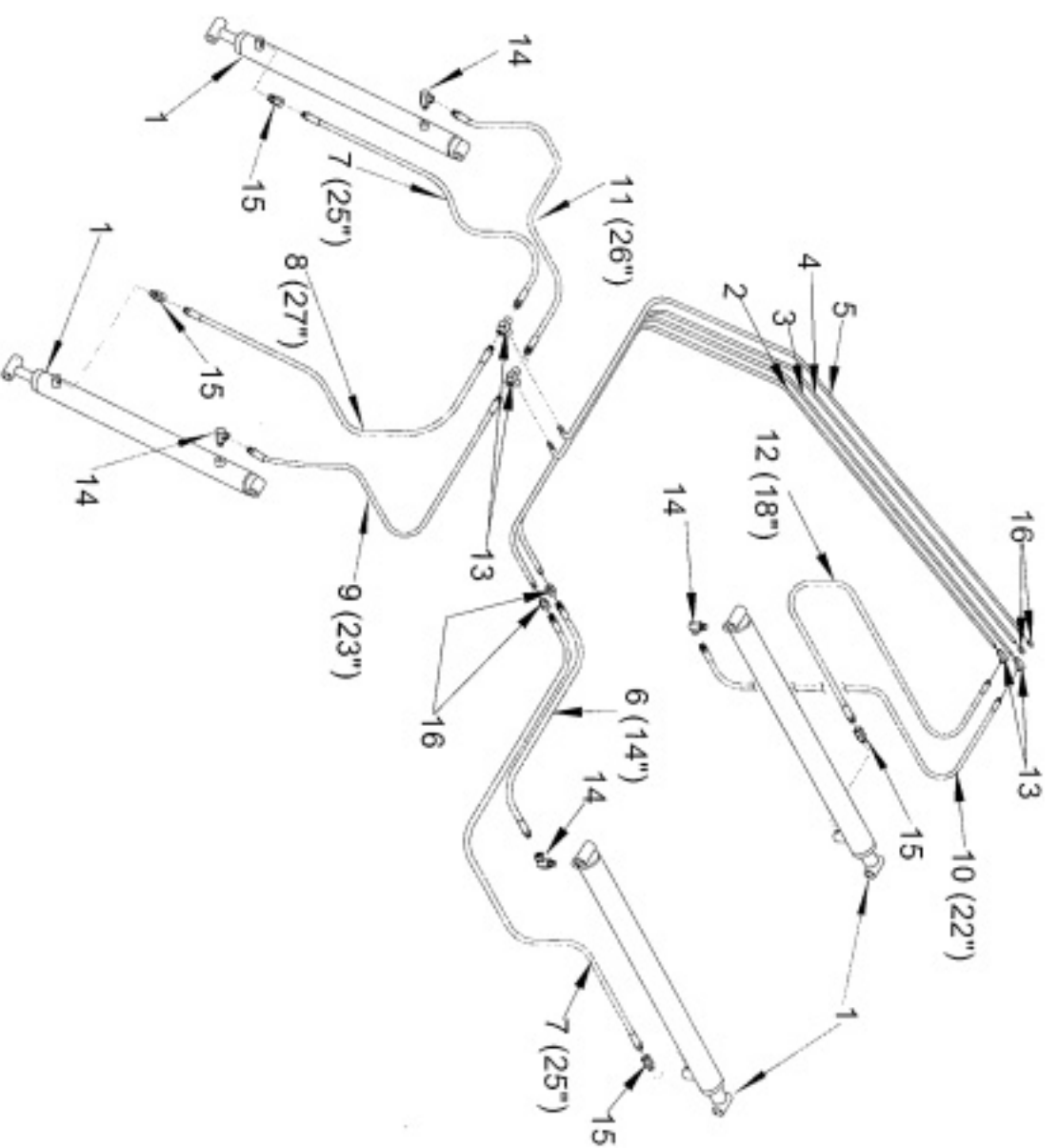


MODEL 2020 HYDRAULIC SYSTEM

for MODELS with SERIAL NO. #32103 to #50600

HYDRAULIC SYSTEM
for **MODELS** with **SERIAL NO. 32103 to 50600**

REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
1		Bucket and Lift Cylinder - See Cylinder Parts List Instructions on Page 20	4
2	L230	Bottom 1 Hydraulic Oil Line	1
3	L231	Bottom 2 Hydraulic Oil Line	1
4	L232	Bottom 3 Hydraulic Oil Line	1
5	L233	Bottom 4 Hydraulic Oil line	1
6	L2941	Hydraulic Hose - 1/4" x 12", 3/8" N.P.T. Ends	1
7	L2901	Hydraulic Hose - 1/4" x 19", 3/8" N.P.T. Ends	2
8	L2942	Hydraulic Hose - 1/4" x 21", 3/8" N.P.T. Ends	2
9	L2905	Hydraulic Hose - 1/4" x 23", 3/8" N.P.T. Ends	1
10	L2943	Hydraulic Hose - 1/4" x 24", 3/8" N.P.T. Ends	1
11	L2944	Hydraulic Hose - 1/4" x 26", 3/8" N.P.T. Ends	1
12	L1617	3/8" Tee Joint	4
13	DL5276	3/8" x 90 Degree Elbow	3
14	DL9769	3/8" x 90 Degree Swivel Street Elbow	7
15	L29	3/8" Female Swivel	1
16	DL5280	3/8" Coupler	4
17	L2929	Hydraulic Hose - 1/4" x 20", 3/8" N.P.T. ends	1



MODEL 2020 HYDRAULIC SYSTEM
for MODELS with SERIES NO'S #50601 and UP

HYDRAULIC SYSTEM
for MODELS with SERIAL NO'S 50601 and UP

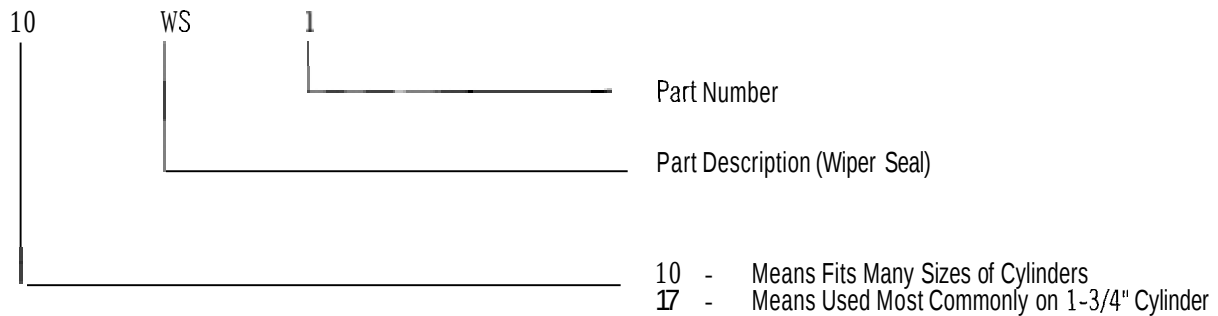
REF. NO.	PART NO.	DESCRIPTION	QTY REQ'D
1		Bucket and Lift Cylinder - See Cylinder Parts List Instructions on Page 20	4
2	L230	Bottom 1 Hydraulic Oil Line	1
3	L231	Bottom 2 Hydraulic Oil Line	1
4	L232	Bottom 3 Hydraulic Oil Line	1
5	L233	Bottom 4 Hydraulic Oil Line	1
6	L2941	Hydraulic Hose - 1/4" x 14", 3/8" N.P.T. Ends	1
7	L4440	Hydraulic Hose - 1/4" x 25", 3/8" N.P.T. Ends	2
8	L4441	Hydraulic Hose - 1/4" x 27", 3/8" N.P.T. Ends	1
9	L2905	Hydraulic Hose - 1/4" x 23", 3/8" N.P.T. Ends	1
10	L4442	Hydraulic Hose - 1/4" x 22", 3/8" N.P.T. Ends	1
11	L2944	Hydraulic Hose - 1/4" x 26", 3/8" N.P.T. Ends	1
12	L3098	Hydraulic Hose - 1/4" x 18", 3/8" N.P.T. Ends	1
13	L1617	3/8" Tee Joint	4
14	DL9769	3/8" x 90 Degree Swivel Street Elbow	4
15	L29	3/8" Male - Female Swivel	4
16	DL5280	3/8" Coupler	4

* As Required

EZEE-ON LOADER CYLINDER PARTS LIST

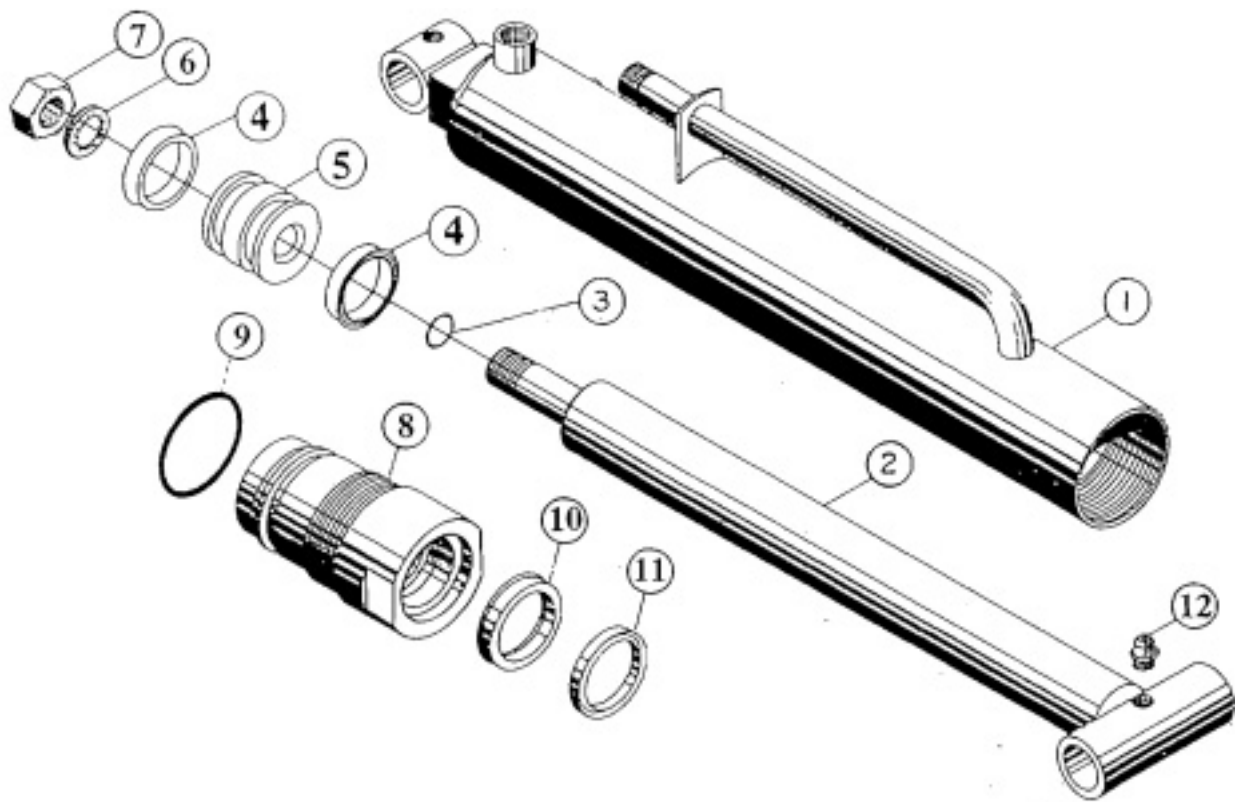
1. Identify your cylinder as to code number of complete cylinder. Use the complete assembly code number, listed below, and match up diameter, stroke, etc.
2. Once the code number has been established then locate cylinder further to book and use correct reference number and column to locate part number.

EZEE-ON CYLINDER PART NUMBER CODE



MODEL 2020 CYLINDER SPECIFICATIONS

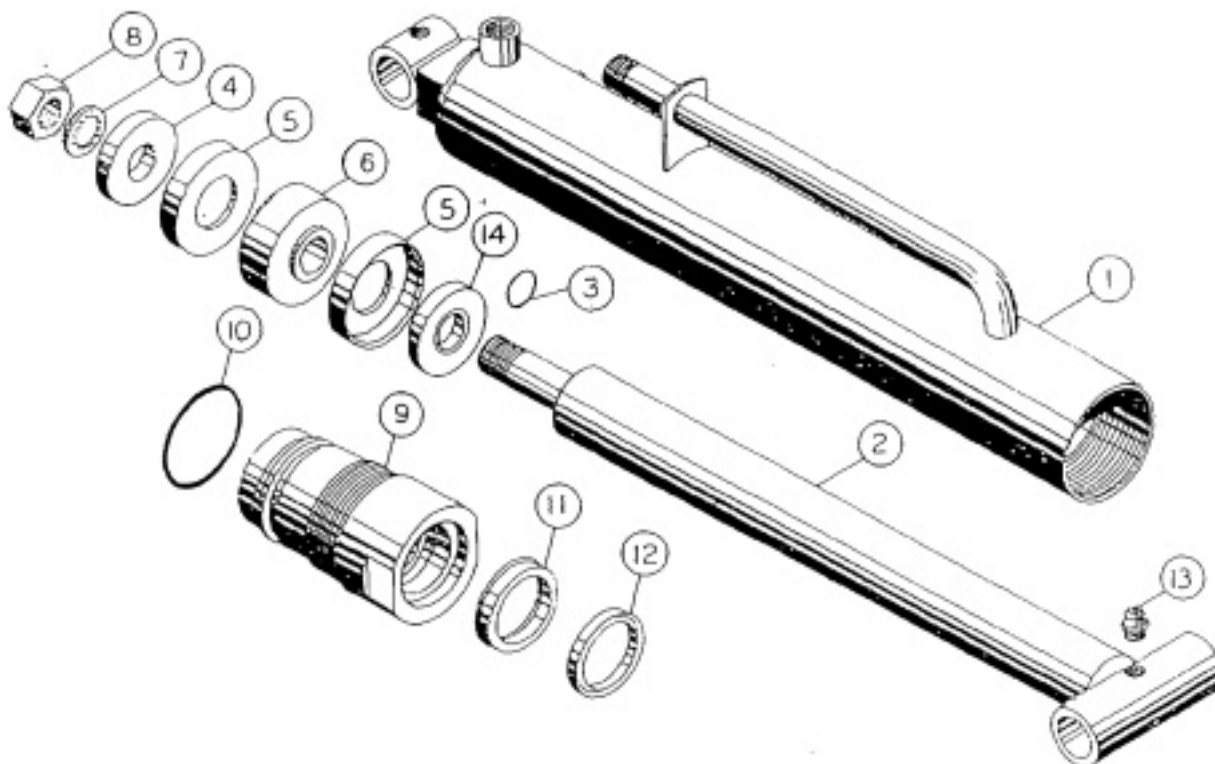
CODE	DIAMETER	STROKE	C-C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION
295	1-3/4"	12"	20-1/2"	1"	N5 (U-Cup)	Bucket & Lift
244	1-3/4"	12"	20-1/2"	1-1/4"	N5 (A-Cup)	Bucket & Lift
150	1-3/4"	12"	20-1/2"	1"	N5 (A-Cup)	Bucket & Lift
309	1-3/4"	12"	20-1/2"	1"	N5 (U-Cup) w/90 degree port	Bucket & Lift



HYDRAULIC BUCKET CYLINDER - N5 U-CLIP TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE	
			295	309
1	17TU1	Tube Assembly - 1-3/4" x 12" – (oil line tube – shown above)	1	
	17TU11	Tube Assembly – 1-3/4" x 12" (90 deg port)		1
2	10SH15	Shaft - 1" x 12" (w/3/4" Nut)	1	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	1	1
4	17CU2	1-3/8" I.D. x 1-3/4" I.D. x 5/16" U-Cup	2	2
5	17PB2	1-3/4" O.D. x 3/4" I.D. Piston Block	1	1
6	10SW1	Star Washer - 3/4" I.D.	1	1
7	10NU1	3/4" N.F. Nut	1	1
8	17HP3	Head Plate - 1" I.D x 1-3/4" O.D.	1	1
9	10OR5	O-Ring - 1-1/2" I.D. x 1-3/4" O.D.	1	1
10	10RS4	Rod Seal - 1" I.D. x 1-3/8" O.D. x 5/16"	1	1
11	10WS4	Wiper Seal - 1" I.D. x 1-1/4" O.D. x 1/8"	1	1
12	10GN1	1/4" - 28 Grease Fitting	2	2

SEAL KIT #1710 N5-U



HYDRAULIC LIFT CYLINDER - N5 A-CLIP TYPE

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE NO.	
			150	244
1	17TU1	Tube Assembly - 1-3/4" x 12"	1	1
2	10SH15	Shaft - 1" x 12"	1	---
	10SH48	Shaft - 1-1/4" x 12"	---	1
3	10OR9	O-Ring - 3/4" I.D. x 7/8" O.D.	1	1
4	17FP1	Filler Plate	1	1
5	17CU1	1-3/4" A-CUP	2	2
6	17BP1	Back-Up Plate - 1-3/4" O.D. x 3/4" I.D.	1	1
7	10SW1	Star Washer - 3/4" I.D.	1	1
8	10NU1	Nut - 3/4" N.F.	1	1
9	17HP3	Head Plate - 1" I.D. x 1-3/4" O.D.	1	---
	17HP5	Head Plate - 1-1/4" I.D. x 1-3/4" O.D.	---	1
10	10OR5	O-Ring - 1-1/2" I.D. x 1-3/4" O.D.	1	1
11	10RS4	Rod Seal - 1" I.D. x 1-3/8" O.D. x 5/16"	1	---
	10RS5	Rod Seal - 1-1/4" I.D.	---	1
12	10WS4	Wiper Seal - 1" I.D. x 1-1/4" O.D. x 1/8"	1	---
	10WS5	Wiper Seal - 1-1/4" I.D.	---	1
13	10GN1	1/4" - 28 Grease Fitting	2	2
14	17FP2	Filler Plate	1	1

SEAL KIT #1712N5 (CYLINDER CODE 244)

SEAL KIT #1710N5 (CYLINDER CODE 150)

EZEE-ON CYLINDER REPAIR SEAL KIT

CODE

17 = 1-3/4" Bore

PART NO

1712N5-----N5 = THREADED HEAD TYPE

12 = 1-1/4" Shaft

CYLINDER SEAL KIT

KIT NO.	CONTENTS		FITS CYLINDER CODE NO.	
1710N5 - U	2 - 17CU2	1-3/8" I.D. x 1-3/4" O.D. x 5/16" U-Cup	295	309
	1 - 100R9	3/4" I.D. x 7/8" O.D. O-Ring		
	1 - 100R5	1-1/2" I.D. x 1-3/4" O.D. O-Ring		
	1 - 10RS4	1" I.D. x 1-3/8" O.D. x 5/16" Rod Seal		
	1 - 10WS4	1" I.D. x 1-1/4" O.D. x 1/8" Wiper Seal		
1712N5	2 - 17CU1	1-3/4" A-CUPS	244	
	1 - 100R9	3/4" I.D. x 7/8" O.D. O-Ring		
	1 - 100R5	1-1/2" I.D. x 1-3/4" O.D. O-Ring		
	1 - 10RS5	1-1/4" I.D. Rod Seal		
	1 - 10WS5	1-1/4" I.D. Wiper Seal		
1710N5	2 - 17CU1	1-3/4" A-CUP	150	
	1 - 100R5	O-Ring - 1-1/2" I.D. x 1-3/4" O.D.		
	1 - 10RS4	Rod Seal - 1" I.D. x 1-3/8" O.D. x 5/16"		
	1 - 10WS4	Wiper Seal - 1" I.D. x 1-3/8" O.D. x 5/16"		
	1 - 100R9	O-Ring - 3/4" I.D. x 7/8" O.D.		

