

EZEE-ON

MODEL

2080S-2080

2085S-2085

FRONT-END LOADER

OWNERS' MANUAL and

PARTS LIST

Manufactured
by

Ezee-On Mfg. Ltd.

Vegreville, Alberta
Canada

Printed in Canada

645C

WARRANTY
EZEE-ON WARRANTY FOR AGRICULTURAL PRODUCTS

EZEE-ON warrants each item of new EZEE-ON equipment sold by it to be free from defects in material and workmanship under recommended agricultural use. This warranty is void if equipment is used for other than agricultural purposes. The sole obligation of EZEE-ON under this warranty is limited to the repair or replacement of those part(s) (F.O.B. EZEE-ON Factory) of the equipment which EZEE-ON in its sole discretion, determines to have failed as a result of defects in material or workmanship occurring prior to the expiration of one year ("Warranty Period") from delivery by EZEE-ON or its selling dealer ("Dealer") to the original purchaser ("Purchaser"). Such defective part(s) will, at the option of EZEE-ON, be either repaired or replaced only to the Purchaser and must be effected by the selling Dealer.

The Purchaser must, within the Warranty Period, give written notice to the Dealer, from whom the equipment was purchased, of any claimed defect. The Dealer will have a reasonable time under the circumstances then existing, to repair or replace defective part(s). This warranty shall not cover damage to any other part(s) of the equipment caused as a result of delay by the Purchaser to repair or replace defective part(s). EZEE-ON's LIABILITY UNDER THIS WARRANTY SHALL BE LIMITED TO, AND IN NO CASE BE GREATER THAN, THE COST OF THE REPAIR OR REPLACEMENT OF THE PART(S) COVERED. THIS WARRANTY SHALL SPECIFICALLY EXCLUDE ANY OTHER COSTS, INCLUDING BUT NOT LIMITED TO, LOSS AND/OR DAMAGE TO CROPS, LOSS OF USE, LOSS OF PROFIT, REVENUE OR OTHER COMMERCIAL LOSSES, INCONVENIENCE OR COST OF RENTAL OR REPLACEMENT EQUIPMENT, TRANSPORTATION EXPENSE TO AND FROM DEALER'S PREMISES, SERVICE CALLS, NORMAL MAINTENANCE AND UPKEEP COSTS, OVERTIME LABOUR COSTS AND ANY AND ALL INJURIES, CLAIMS OR SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGE OR OTHER ECONOMIC LOSS. THE FOLLOWING ITEMS ARE SPECIFICALLY EXCLUDED FROM WARRANTY:

ALL PRODUCTS -	RUBBER TIRES AND TUBES, WHICH ARE WARRANTED DIRECTLY BY AGENTS OF THE TIRE MANUFACTURERS.
CULTIVATORS/CHISEL PLOWS -	BENT SHANKS AND ALL GROUND ENGAGING TOOLS.
AIR SEEDERS -	TANK PAINT IF DAMAGE IS CAUSED BY CHEMICAL AGENTS.
DISCS -	DISC BLADES.
FRONT END LOADERS -	BUCKET TEETH AND GRAPPLE TEETH. MODIFICATIONS TO LOADER MOUNTS TO ADAPT TO CHANGES MADE BY TRACTOR MANUFACTURERS IN TRACTOR DESIGN.
POST DRIVERS -	ENGINE & ENGINE PARTS WHICH ARE WARRANTED DIRECTLY BY AGENTS OF THE ENGINE MANUFACTURER.

This warranty applies only to new equipment, manufactured by EZEE-ON. This warranty does not cover damage caused to or by any equipment, accessories or part(s) attached to or utilized in conjunction with EZEE-ON equipment. This warranty does not cover damage caused as a result of attachment, modification and incorrect assembly or pre-delivery.

This warranty constitutes the only warranty and is in lieu of any other warranty expressed or implied. There is no warranty of merchantability or of fitness for a particular purpose. No Dealer, salesman or agent has any authority to alter or amend this warranty.

TYPE OF EZEE-ON PRODUCT PURCHASED	_____
MODEL NUMBER	_____
SERIAL NUMBER	_____

This identification should be provided in all correspondence or communication with EZEE-ON regarding your Implement.

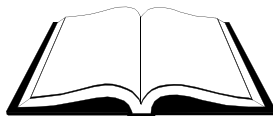
INTRODUCTION

THANK YOU for choosing to purchase this Ezee-On implement, we are confident you will be impressed with its performance.

In addition to the traditional values of simplicity, reliability and durability, your new EZEE-ON implement incorporates a number of operational and safety features. We urge you to familiarize yourself with the maintenance and operation of your implement by reading this Manual thoroughly and completely. Failure to do so could result in personal injury or equipment damage.

THIS MANUAL contains important information regarding assembly, maintenance, operating instructions, and troubleshooting problems, and should be considered a permanent part of your implement.

Remember that it is the responsibility of the Operator to ensure that any new implement is field ready, prior to first operation. However, should you encounter a problem, please contact your dealer immediately.



READ THIS MANUAL CAREFULLY TO ENSURE THAT YOUR NEW IMPLEMENT IS ASSEMBLED AND ADJUSTED CORRECTLY PRIOR TO FIRST OPERATION.

RIGHT and LEFT is determined by standing behind the machine and facing FORWARD in the direction of travel.



This symbol is used to identify safety messages. When you see this symbol, read the safety message carefully.

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EZEE-ON MFG. LTD. RESERVES THE RIGHT to make improvements in design and changes in specifications at any time without notice and without incurring any obligation to install them on units previously sold. Specifications, descriptions, and illustrative material herein are as accurate as known at time of publication, but are subject to change without notice.

LOADER SAFETY RECOMMENDATIONS



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

GENERAL SAFETY

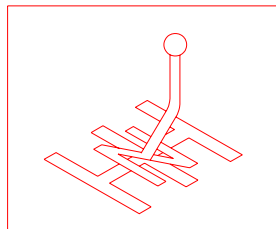
1. Never allow anyone to ride on any portion of the loader or tractor. The person may fall and be seriously or fatally injured.
2. Machinery should be operated **ONLY** by a person(s) responsible and qualified to do so. In case of a breakdown or injury, the person(s) should be familiar with repair procedures 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 assembly Model 2085 or 2085S 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.

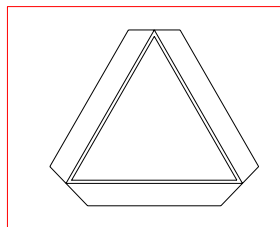
MAINTENANCE SAFETY

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 raise 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 raise 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. 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.
7. 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.

OPERATION SAFETY CONTINUED:

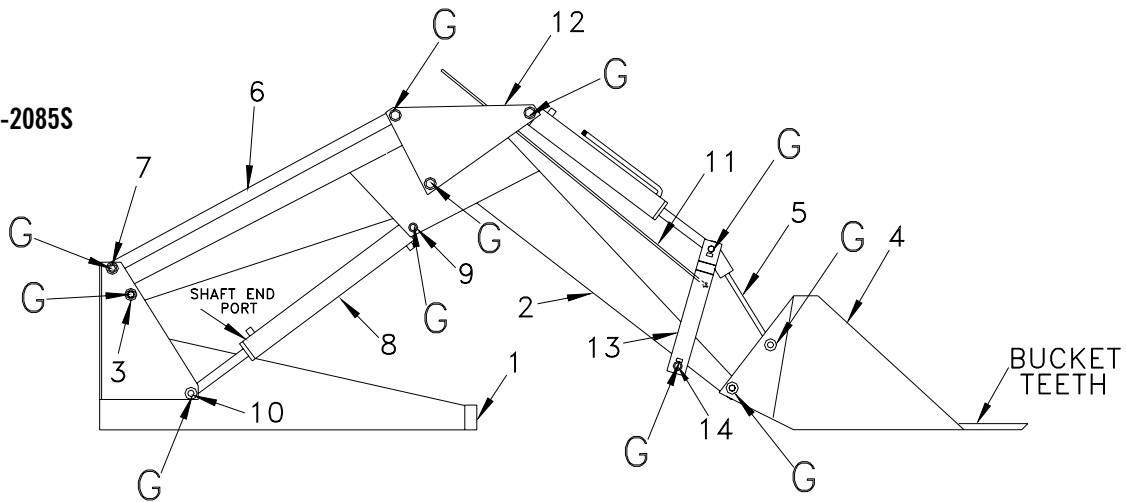
8. When raising a load, level attachment at higher lifting ranges to prevent material from falling on to tractor and/or operator. Falling material may cause serious injury or death to operator and serious damage to tractor and loader.
9. Add necessary wheel ballast or rear weights to increase tractor stability.
10. Move the tractor wheels to their widest possible setting to increase tractor stability.
11. Always relieve the hydraulic systems' pressure when it is not in operation. Hydraulic fluid escaping under pressure could penetrate the skin, causing serious injury. If injured, get medical attention immediately.
12. Use discretion when operating loader if mounted on high horsepower tractors and or front wheel assist tractors. Excessive use of horsepower may severely damage loader.
13. 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!!!**

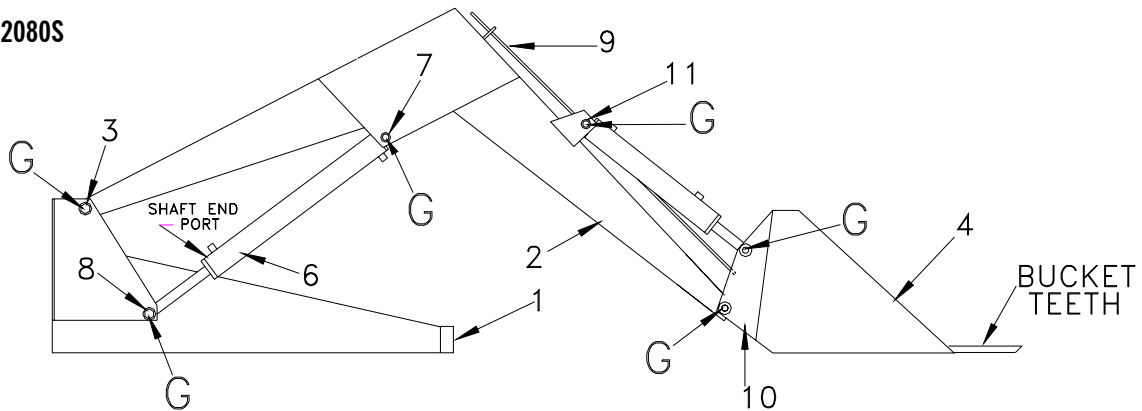
ILL. 1
Model 2085-2085S



Arrow "G" indicates location of grease fitting.

IMPORTANT: BEFORE STARTING TO ASSEMBLE 2085-2085S LOADER, CUT SHIPPING BANDS WHICH SECURE BUCKET CYLINDER AND LINKAGE. BE SURE TO REMOVE WOODEN BLOCK BETWEEN BUCKET CYLINDER AND FRAME.

ILL. 2
Model 2080-2080S



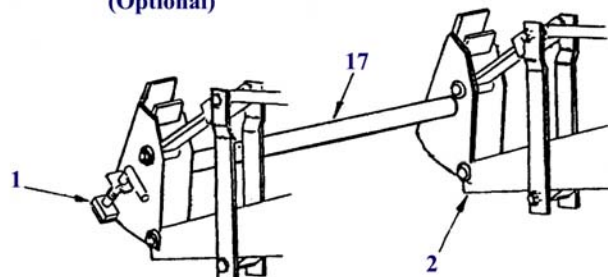
Arrow "G" indicates location of grease fitting.

ILL. 3
Ezee-A-Tach Carrier Frame
(Optional)
(For 2080-2080S
Loaders Only)

Hole "B"
for 2080-2080S

Hole "A"
for 2100-2130

ILL. 4 Ezee-A-Tach Carrier Frame
(Optional)



NOTE: Carrier for Model 2085-2085S Loaders Shown

IMPORTANT: The Ezee-A-Tach carrier frame for 2085 or 2085S loaders will not work if pinned on 2080 or 2080S loaders. Severe damage will occur to bucket cylinder if wrong carrier is installed.

ASSEMBLY INSTRUCTIONS

1. Attach mount brackets to tractor. See instructions in mount bolt package.
2. **IMPORTANT:** See ILL. 1. Model **2085S - 2085** only. Break shipping bands and remove wooden blocks used to secure bucket cylinder and linkage for shipping. Next fasten pivot arms, arrow 13, to pivot tube, arrow 14, at bottom of both front H-frame arms. Attach each set of pivot arms to pivot tube with one (1) 1" x 6" hex bolts c/w locknut.
3. Install grease fittings in main frame, self-levelling linkage (2085-2085S only), and cylinders. Arrow "G" in ILL. 1 and 2 show location of grease fitting
4. Position yoke assembly, arrow 1, so that it is sitting squarely on ground as shown in ILL. 1 and 2.



WARNING: *WHEN ASSEMBLING THE LOADER, USE ALIGNING PUNCH TO ALIGN HOLES. KEEP FINGERS OUT OF THESE HOLES. HEAVY 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.*

5. INSTALLING MAIN FRAME ASSEMBLY:
 - a) Model 2085-2085S - Attach the main frame, arrow 2, to the middle pin, arrow 3, on each side of the yoke assembly. Secure each pin with one (1) 1/4" x 1-1/2" cotter pin. See ILL. 1.
 - b) Model 2085-2085S - Attach self-levelling link, arrow 6, to top pin, arrow 7, on each side of yoke assembly. Secure each pin with one (1) one 1/4" x 1-1/2" cotter pin. See ILL. 1.
 - c) Model 2080-2085S - Attach the main frame, arrow 2, to the top pin, arrow 3, on each side of yoke assembly. Secure each pin with one (1) 1/4" x 1-1/2" cotter pin. See ILL. 2.

NOTE: *To assemble the yoke, main frame and bucket, it may be necessary to spread apart the arms of the main frame, arrow 2, with a jack.*

6. **STANDARD BUCKET** - See ILL. 1 and 2. Attach bucket, arrow 4, to main frame, arrow 2, using the bottom bucket attaching pins. Attachments other than a bucket, such as a Model 49 pallet fork, Model 49 bale spear or an Ezee-A-Tach Frame (see ILL. 4, arrow 17), all pin to the main frame using the bottom holes. Secure each pin with (1) one 1/4" x 1-1/2" cotter pin.

EZEE-A-TACH CARRIER (Optional) - See ILL. 3 and 4. When attaching Ezee-A-Tach carrier frame on Model 2080 and 2080S loaders, secure the main frame to bottom pin "B" shown in ILL. 3. Do not use hole "A", this hole is for the Model 2100-2130 loaders. Secure each pin with (1) one 1/4" x 1-1/2" cotter pin.

NOTE: *The Ezee-A-Tach carrier has a two position width. Model 2080-2080s-2085-2085s loaders require the narrow width. If carrier is received in the wide position, adjust carrier to narrow position by removing bolt from telescopic tube and move out to the next hole position. After adjustment is complete, install bolt in telescopic tube and secure with nut.*

For Model 2085 and 2085S Loaders- Attach Ezee-A-Tach carrier to main frame using bottom pins. Secure each pin with (1) one 1/4" x 1-1/2" cotter pin.

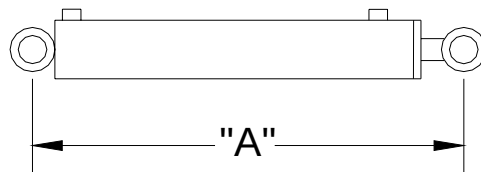
See "OPERATION" on page 14 for instructions on how bucket is installed on the Ezee-A-Tach Frame. Other attachments will be installed using the same method as bucket.

ASSEMBLY INSTRUCTIONS continued:

7. a) See ILL. 1. Model 2085-2085S - Attach cross tube end of push arm assembly, arrow 5, to top pin on each side of bucket, arrow 4. Secure each pin with one (1) 1/4" x 1-1/2" cotter pin.
- b) See ILL. 2. Model 2080-2080S - Attach two (2) bucket cylinders, arrow 5, with barrel end attached to the cylinder lugs, arrow 11, on each side of main frame. Attach shaft end of each bucket cylinder to the top bucket attaching pins, arrow 10. 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) 1/4" x 1-1/2" cotter pin. Identify bucket cylinder from Table I below.
8. a) See ILL. 1. Model 2085-2085S - Attach two (2) lift cylinders, arrow 8, with the tube end attached to centre pin, arrow 9, on each side of main frame. Attach the shaft end of each lift cylinder to bottom pin, arrow 10, on the yoke assembly. The shaft end 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) 1/4" x 1-1/2" cotter pin. Identify lift cylinders from Table I below.
- b) See ILL. 2. Model 2080-2080S - Attach two (2) lift cylinders, arrow 6, with the tube end attached to centre pin, arrow 7, on each side of main frame. Attach the shaft end of each lift cylinder to bottom pin, arrow 8, on the yoke assembly. The shaft end ports on the cylinders must be facing up. Position shaft end cross tube so grease fitting is facing up. Secure each pin with one 1/4" x 1-1/2" cotter pin. Identify lift cylinder from Table I below.

TABLE I

MODEL	CYLINDER APPLICATION	PISTON DIAMETER	STROKE	C.C. CLOSED DIMENSION "A"	PIN DIA.
2080-2080S	Bucket	3"	18"	26-1/2"	1"
2085-2085S	Bucket	3"	19-1/2"	33-1/8"	1"
2080S-2085S	Lift	3"	27"	35-1/2"	1"
2080-2085	Lift	3"	27"	35-1/2"	1"



9. BUCKET LEVEL INDICATOR INSTALLATION:

- a) See ILL. 1. Model 2085-2085S. To attach the bucket level rod, arrow 11, install the rod through the rod support welded to the inside of the R.H. self-levelling bracket, arrow 12. Insert the formed end of the rod into a 13/32" dia. hole in the RH inside pivot arm, arrow 13. Secure rod to pivot arm with one (1) washer and cotter pin. After the loader is completely assembled and mounted on the tractor, adjust the bucket level indicator. See ADJUSTMENTS on page 17.
- b) See ILL. 2. Model 2080-2080S . To attach the bucket level rod, arrow 9, install the rod through the rod support welded to the inside of the RH side of main frame, arrow 2. Insert the formed end of the rod into a 13/32" dia. hole in the RH inside bucket lug, arrow 10. Secure rod to bucket lug with one (1) washer and cotter pin. After the loader is completely assembled and mounted on the tractor, adjust the bucket level indicator. See ADJUSTMENTS on page 17.

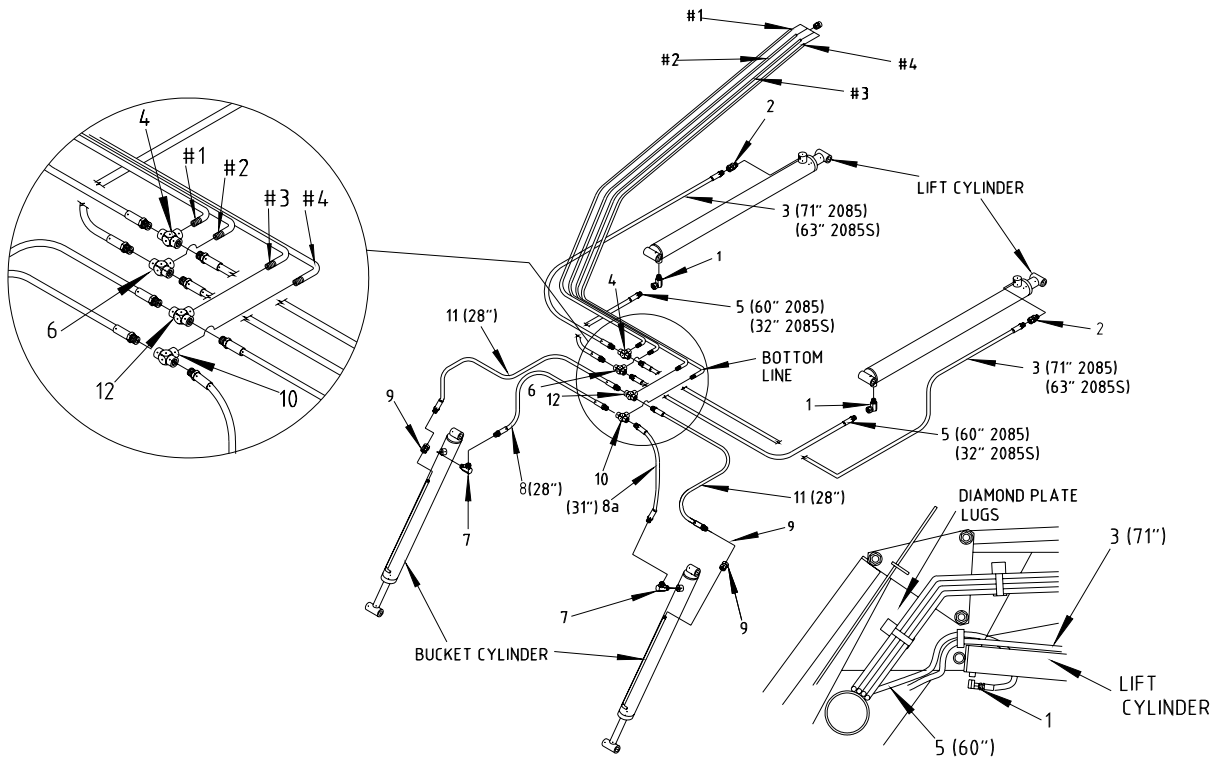


CAUTION:

WHEN ASSEMBLING THE LOADER, BE SURE ALL BOLTS AND HYDRAULIC FITTINGS ARE TIGHT, AND ALL COTTER PINS ARE INSTALLED IN THEIR PINS. LOOSE BOLTS, HYDRAULIC FITTINGS AND MISSING COTTER PINS MAY RESULT IN SERIOUS DAMAGE TO THE LOADER AND TRACTOR, AND POSSIBLE PERSONAL INJURY.

ASSEMBLY INSTRUCTIONS CONTINUED:

ILL. 5 (MODEL 2085S-2085)



10. CONNECTING HYDRAULIC SYSTEM - MODEL 2085-2085S - See ILL. 5

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 ENDS UNTIL ALL FITTINGS ARE INSTALLED.

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

- Install one (1) 3/8" x 90 degree swivel street elbow, arrow 1, to the barrel end port of each lift cylinder. Elbow should face forward after elbow is tightened.
- Install one (1) 3/8" male-female swivel, arrow 2, to the shaft end port of each lift cylinder.
- Model 2085 - See ILL. 5. Connect one (1) 3/8" x 71" hydraulic hose, arrow 3, to 3/8" tee, arrow 10, on the #1 oil line at the centre of the main frame. Then fasten the opposite end to the 3/8" male female swivel, arrow 2, on the lift cylinders. Thread hose as shown.

Model 2085S - See ILL. 5. Connect one (1) 3/8" x 63" hydraulic hose, arrow 3, to 3/8" tee, arrow 4, on the #1 oil line at the centre of the main frame. Then fasten the opposite end to the 3/8" male-female swivel, arrow 2, on the lift cylinders. Thread hose as shown.

ASSEMBLY INSTRUCTIONS CONTINUED:

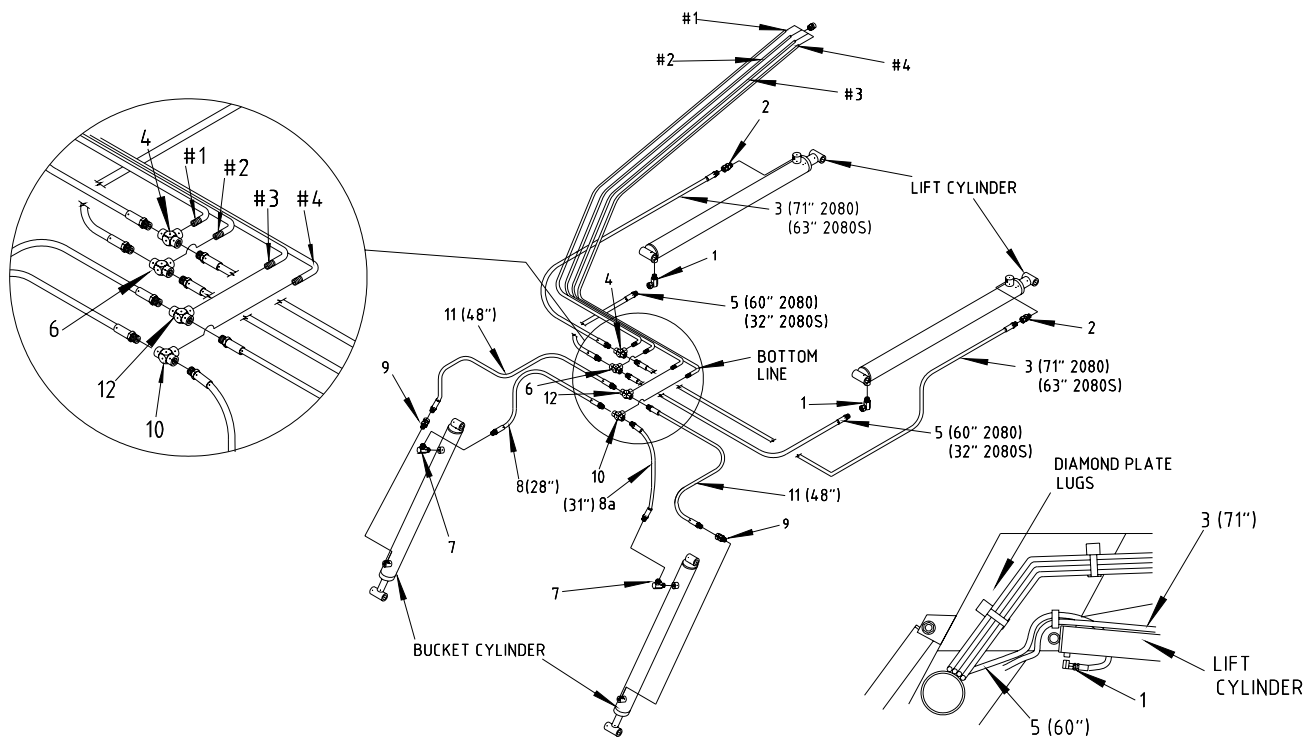
- d) Model 2085 - See ILL 5. Connect one (1) 3/8" x 60" hydraulic hose, arrow 5, to the 3/8" tee, arrow 6, on the #2 oil line at the centre of the main frame. Then fasten the opposite end to the 3/8" x 90 degree swivel street elbow, arrow 1, on the lift cylinders. Thread hose as shown.

Model 2085S - See ILL. 5. Connect one (1) 3/8" x 32" hydraulic hose, arrow 5, to the 3/8" tee, arrow 6, on the #2 oil line at the centre of the main frame. Then fasten the opposite end to the 3/8" x 90 degree swivel street elbow, arrow 1, on the lift cylinders.
- e) Model 2085-2085S - Install one (1) 3/8" x 90 degree swivel street elbow, arrow 7, to the barrel end port of each bucket cylinder. Then for LHS connect one (1) 3/8" x 31" hydraulic hose, arrow 8, to 3/8" tee, arrow 10, mounted on the #4 oil line at the centre of the main frame. For the RHS connect one (1) 3/8" x 28" hydraulic hose, arrow 8A, to opposite port of 3/8" tee arrow 10. Then fasten the opposite end of each hose to each 3/8" x 90 degree swivel street elbow, arrow 7.
- f) Model 2085-2085S - Install one (1) 3/8" female-female swivel, arrow 9, to the shaft end port of each bucket cylinder. Then connect one (1) 3/8" x 28" hydraulic hose, arrow 11, to each port 3/8" tee, arrow 12, mounted on the #3 oil line at the centre of the main frame. Then fasten the opposite end of each hose to each 3/8" female-female swivel, arrow 9.
- g) Connect four long hoses to the four lines at the rear of the main frame. Install four male tips to the hoses and connect these hoses to the tractors' hydraulic system.
- h) Pump hydraulic fluid into the bucket and lift cylinders. Ensure all hydraulic cylinders are completely filled with hydraulic fluid before operating the loader.

IMPORTANT: WHEN APPLYING HYDRAULIC PRESSURE FOR THE FIRST TIME, A SMALL AMOUNT OF OIL MAY LEAK FROM BETWEEN HEAD PLATE AND BARREL. THIS IS ASSEMBLY OIL TRAPPED UNDER HEAD PLATE O-RING. AFTER THIS OIL IS SQUEEZED OUT, THE LEAK WILL STOP.

ASSEMBLY INSTRUCTIONS CONTINUED:

ILL. 6 (MODEL 2080S-2080)



11. CONNECTING HYDRAULIC SYSTEM - MODEL 2080-2080S - See ILL. 6

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 ENDS UNTIL ALL FITTINGS ARE INSTALLED.

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

- Install one (1) 3/8" x 90 degree swivel street elbow, arrow 1, to the barrel end port of each lift cylinder. Elbow should face forward after elbow is tightened.
- Install one (1) 3/8" male-female swivel, arrow 2, to the shaft end port of each lift cylinder.
- Model 2080 - See ILL. 6. Connect one (1) 3/8" x 71" hydraulic hose, arrow 3, to each side of 3/8" tee, arrow 4, on the #1 oil line. Then fasten the opposite end of each hose to the 3/8" male female swivel, arrow 2, on each lift cylinder. Thread hose as shown.

Model 2080S - See ILL. 6. Connect one (1) 3/8" x 63" hydraulic hose, arrow 3, to each side of 3/8" tee, arrow 4, on the #1 oil line. Then fasten the opposite end of each hose to the 3/8" male-female swivel, arrow 2, on each lift cylinder. Thread hose as shown.

ASSEMBLY INSTRUCTIONS CONTINUED:

- d) Model 2080 - See ILL 6. Connect one (1) 3/8" x 60" hydraulic hose, arrow 5, to each side of 3/8" tee, arrow 6, on the #2 oil line. Then fasten the opposite end of each hose to the 3/8" x 90 degree swivel street elbow, arrow 1, on each lift cylinder. Thread hose as shown.

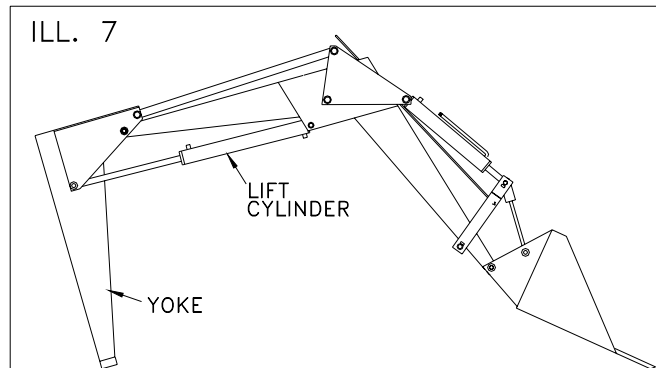
Model 2080S - See ILL. 6. Connect one (1) 3/8" x 32" hydraulic hose, arrow 5, to each side of 3/8" tee, arrow 6, on the #2 oil line. Then fasten the opposite end of each hose to the 3/8" x 90 degree swivel street elbow, arrow 1, on each lift cylinder. Thread hose as shown.
- e) Model 2080-2080S - Install one (1) 3/8" x 90 degree swivel street elbow, arrow 7, to the barrel end port of each bucket cylinder. Then for LHS connect one (1) 3/8" x 31" hydraulic hose, arrow 13, to 3/8" tee, arrow 10, mounted on the #4 oil line. For the RHS connect one (1) 3/8" x 28" hydraulic hose, arrow 8, to opposite port of 3/8" tee arrow 10. Then fasten the opposite end of each hose to each 3/8" x 90 degree swivel street elbow, arrow 7.
- f) Model 2080-2080S - Install one (1) 3/8" male-female swivel, arrow 9, to the shaft end port of each bucket cylinder. Then connect one (1) 3/8" x 48" hydraulic hose, arrow 11, to each port 3/8" tee, arrow 12, mounted on the #3 oil line. Then fasten the opposite end of each hose to each 3/8" male-female swivel, arrow 9.
- g) Connect four long hoses to the four lines at the rear of the main frame. Install four male tips to the hoses and connect these hoses to the tractors' hydraulic system.
- h) Pump hydraulic fluid into the bucket and lift cylinders. Ensure all hydraulic cylinders are completely filled with hydraulic fluid before operating the loader.

IMPORTANT: WHEN APPLYING HYDRAULIC PRESSURE FOR FIRST TIME, A SMALL AMOUNT OF OIL MAY LEAK FROM BETWEEN HEAD PLATE AND BARREL. THIS IS ASSEMBLY OIL TRAPPED UNDER HEAD PLATE O-RING. AFTER THIS OIL IS SQUEEZED OUT, THE LEAK WILL STOP.



CAUTION: BE SURE ALL HYDRAULIC CYLINDERS ARE COMPLETELY FILLED WITH HYDRAULIC FLUID TO AVOID LOADER FREE-FALL OR SUDDEN MOVEMENT. IF THE CYLINDERS ARE NOT COMPLETELY FILLED, THE LOADER WILL DROP.

- 12) Extend the lift cylinders. This will raise the loader into the mounting position, as shown in ILL. 7. The loader is now ready to be mounted on the tractor.



CAUTION: ALWAYS RELIEVE THE HYDRAULIC SYSTEMS' PRESSURE WHEN IT IS NOT IN OPERATION. HYDRAULIC FLUID ESCAPING UNDER PRESSURE COULD PENETRATE THE SKIN, CAUSING SERIOUS INJURY.



CAUTION: 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.

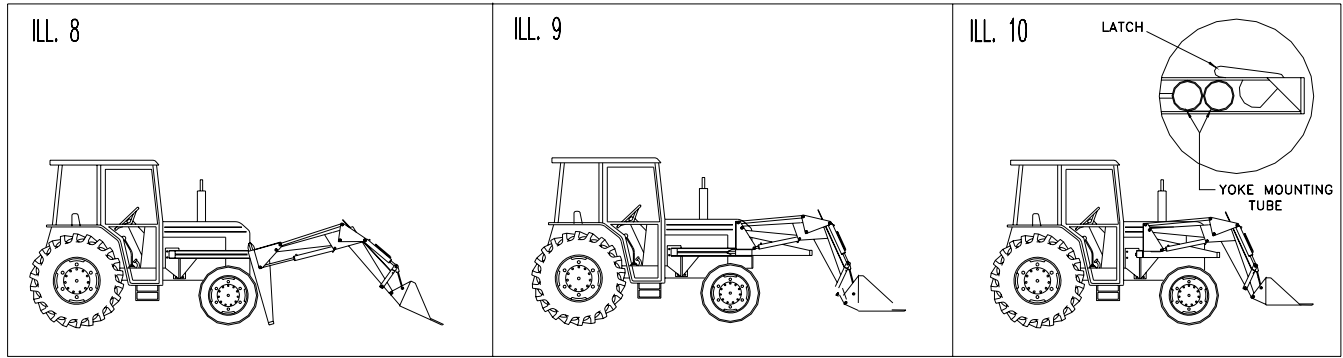


CAUTION: DO NOT DISASSEMBLE OR LOOSEN HYDRAULIC COMPONENTS WHEN THERE IS PRESSURE WITHIN THOSE COMPONENTS. HYDRAULIC COMPONENTS UNDER PRESSURE MAY CAUSE PARTS AND FLUID TO FLY OUT AT A HIGH VELOCITY, WHICH COULD CAUSE SERIOUS INJURY. ALWAYS RELIEVE THE PRESSURE IN THE HYDRAULIC SYSTEM BEFORE REPAIRING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

- 13) To mount the loader on the tractor, raise the rear of the yoke by extending the lift cylinders. Drive the tractor, between the uprights of the yoke. Align mounting tubes on inside of yoke with mounting channel. Move tractor forward sliding yoke mounting tubes into mount channel until the mounting tubes lock behind latches. By contracting the lift cylinders, raise the yoke to the horizontal position. Drive the tractor ahead until front yoke mounting tubes lock behind channel latches. See MOUNTING INSTRUCTIONS on page 15.
- 14) See ILL. 1 and 2 (Optional). Bolt bucket teeth to top of bucket blade with two 7/16" x 2-1/4" carriage head bolts complete with nuts and lockwashers. Bolts are installed from bottom of bucket. Teeth should be installed with front point facing down. There are seven (7) teeth required for 60" bucket, eight (8) teeth required for 72" bucket, nine (9) teeth required for 84" bucket, and eleven (11) teeth required for 96" bucket. The bucket teeth supplied include two shorter teeth; install these shorter teeth to the outside set of holes at each of the bucket blade.



CAUTION: WHEN INSTALLING OR REMOVING BUCKET TEETH, PLACE ADEQUATE SUPPORT UNDER BUCKET. IF HYDRAULIC SYSTEM FAILED OR HYDRAULIC LEVER WAS ACCIDENTALLY OPERATED, BUCKET COULD DROP CAUSING SERIOUS INJURY.



OPERATION

1. LOADER MOUNTING INSTRUCTIONS:

TO MOUNT, THE LOADER MUST BE SITTING ON THE GROUND IN THE POSITION SHOWN ABOVE IN ILL. 8.

If the loader is sitting flat on ground, as shown in ILL. 1 and 2, it can be raised into the position shown in ILL. 8, by attaching the hydraulic hoses to the tractor hydraulic system and extending the lift cylinders.

- STEP 1: See ILL. 8. Drive the tractor between the uprights of the yoke assembly so the rear yoke mounting tubes slide into the mount bracket channels and lock behind the channel latches.
- STEP 2: Attach hydraulic hoses to the tractor hydraulic system.
- STEP 3: See ILL. 9. Using the lift cylinders pivot the yoke assembly into a horizontal position.
- STEP 4: See ILL. 10. Drive the tractor into the loader so 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.

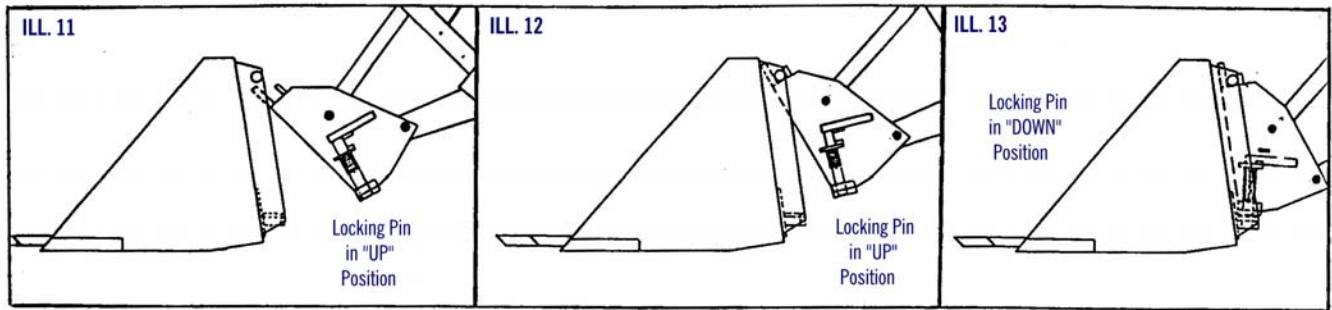
2. TO TAKE THE LOADER OFF THE TRACTOR, LIFT CHANNEL LATCHES AND REVERSE THE STEPS LISTED ABOVE.

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



CAUTION: NEVER TRANSPORT THE LOADER WITH THE BUCKET OR OTHER ATTACHMENT IN THE "DUMP" POSITION. IF THE HYDRAULIC SYSTEM FAILED OR IF THE HYDRAULIC LEVER WAS 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.

OPERATION CONTINUED:



3. EZEE-A-TACH SYSTEM (OPTIONAL)

The EZEE-A-TACH system allows the operator to quickly install (or remove) attachment onto (or from) loader. To install attachment proceed as follows:

- STEP 1: See ILL. 11. With the spring-loaded locking pins in the "UP" position and carrier tipped forward, drive the carrier between the brackets of the attachment.
- STEP 2: See ILL. 12. When the carrier makes contact with the back of the attachment, lift the carrier so that the jaws engage with the top pin. Continue lifting the attachment until it is off the ground.
- STEP 3: See ILL. 13. Using the bucket cylinders, pivot the carrier so that it rests against the back of the attachment. Drop the spring-loaded pins into locking slots to lock the carrier to the attachment.

To remove the attachment from the "Ezee-A-Tach" carrier, simply place the spring-loaded pins in the "UP" position and reverse the steps listed above.

4. **IMPORTANT:** WHEN THE LOADER IS MOUNTED ON A TRACTOR EXCEEDING 90 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 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.



CAUTION: WHEN RAISING A LOAD, LEVEL ATTACHMENT AT HIGHER LIFTING RANGES TO PREVENT MATERIAL FROM FALLING ONTO TRACTOR AND/OR OPERATOR. FALLING MATERIAL MAY CAUSE SERIOUS INJURY OR DEATH TO OPERATOR AND SERIOUS DAMAGE TO TRACTOR AND LOADER.



CAUTION: 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.



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.

5. **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 CONCENTRATE AT ONE POINT.



CAUTION: 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 LOADER AND TRACTOR.

6. **IMPORTANT:** DO NOT ATTEMPT TO LIFT A LOAD AT THE CORNER OF THE BUCKET. THE BUCKET COULD BE TWISTED. ALWAYS DISTRIBUTE THE WEIGHT EVENLY FROM THE CENTRE OF THE BUCKET.



CAUTION: ADD NECESSARY WHEEL BALLAST OR REAR WEIGHTS TO INCREASE TRACTOR STABILITY.



CAUTION: MOVE THE TRACTOR WHEELS TO THEIR WIDEST POSSIBLE SETTING TO INCREASE TRACTOR STABILITY.

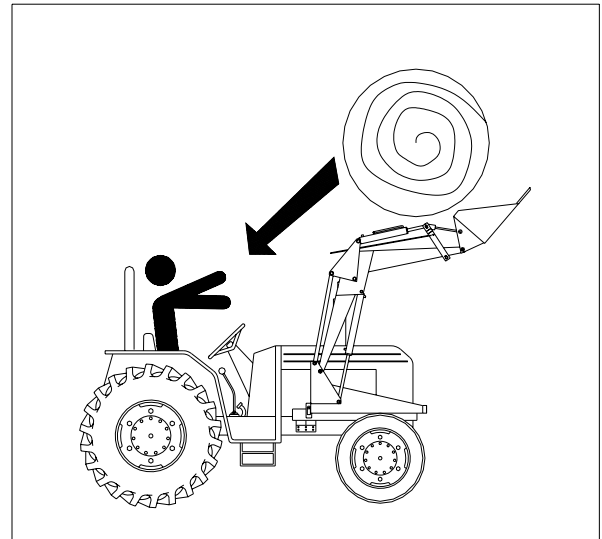


CAUTION: NEVER ALLOW ANYONE TO RIDE ON ANY POSITION OF THE LOADER OR TRACTOR. THE PERSON RIDING COULD FALL AND BE SERIOUSLY INJURED.

OPERATION CONTINUED:



WARNING: USE A GRAPPLE FORK ONLY WHEN CARRYING ROUND BALES WITH THE BUCKET, OR USE AN APPROVED ROUND BALE CARRYING 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 ROLLING OFF ATTACHMENT WHILE BEING RAISED OR TRANSPORTED.



CAUTION: NEVER USE THE LOADER OR 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 COULD DROP, RESULTING IN SERIOUS INJURY OR DEATH.



CAUTION: ALWAYS RELIEVE THE HYDRAULIC SYSTEMS' PRESSURE WHEN IT IS NOT IN OPERATION. HYDRAULIC FLUID ESCAPING UNDER PRESSURE COULD PENETRATE THE SKIN, CAUSING SERIOUS INJURY.



CAUTION: 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.

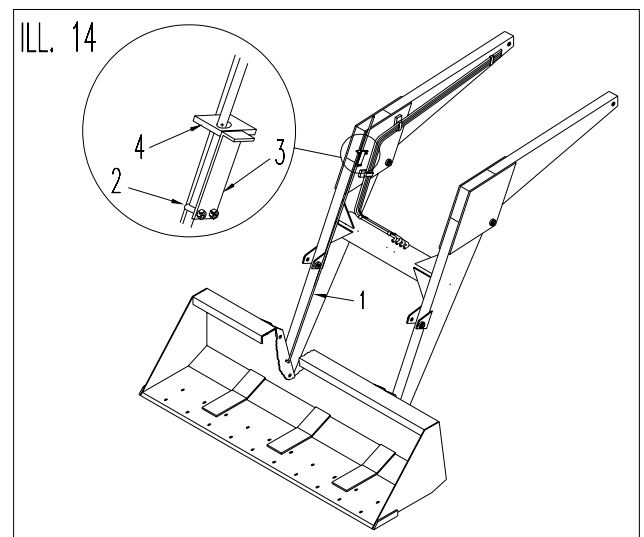
ADJUSTMENTS

1. BUCKET LEVEL INDICATOR - See ILL. 14.

The level indicator rod, arrow 1, is used to indicate position of bucket. To have indicator show when bucket is level on ground, adjust as follows:

- With loader installed on tractor, position bucket level on ground.
- Loosen clamp, arrow 2, which fastens level indicator, arrow 3, to rod.
- Adjust level indicator, arrow 3, so top end is flush with top side of rod support, arrow 4.

NOTE: Model 2080 and 2080S loader is shown in ILL. 14. The level indicator for Model 2085 and 2085S loaders are adjusted using the same procedure.



MAINTENANCE and STORAGE

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



CAUTION: ALWAYS USE A PIECE OF WOOD OR CARDBOARD AS A BACKSTOP AGAINST SPURTING FLUID. ALWAYS WEAR GLOVES AND EYE PROTECTION WHEN SEARCHING THE HYDRAULIC SYSTEM FOR LEAKS. HYDRAULIC FLUID ESCAPING UNDER PRESSURE CAN CAUSE PERSONAL INJURY BY PENETRATING SKIN.



CAUTION: DO NOT DISASSEMBLE OR LOOSEN HYDRAULIC COMPONENTS WHEN THERE IS PRESSURE WITHIN THOSE COMPONENTS. HYDRAULIC COMPONENTS UNDER PRESSURE MAY CAUSE PARTS AND HYDRAULIC FLUID TO FLY OUT AT HIGH VELOCITY WHICH COULD CAUSE SERIOUS INJURY. ALWAYS RELIEVE PRESSURE IN 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 bracket and bucket teeth bolts tight and be sure all loader pins and slotted nuts are secured with cotter pins.



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



CAUTION: LOWER THE LOADER ARMS WHEN PARKING OR SERVICING THE LOADER AND TRACTOR. IF THE HYDRAULIC LEVER WAS ACCIDENTALLY OPERATED, OF IF ANY COMPONENTS OF THE HYDRAULIC SYSTEM FAILED, THE LOADER WILL FALL CAUSING SERIOUS INJURY OR DEATH TO PERSON(S) NEARBY.

4. Keep all safety decals clean and in good condition to provide a constant reminder of safe operating procedures.
5. Replace any destroyed, missing or illegible decals.

LUBRICATION

1. Grease the cylinder and main frame pivot points (and self-levelling pivot points on Model 2085S and 2085 loaders) every 8 hrs of operation.



CAUTION: ALWAYS RELIEVE THE PRESSURE IN HYDRAULIC SYSTEM BEFORE MAKING ANY ADJUSTMENTS OR WHEN PARKING THE LOADER. HYDRAULIC FLUID ESCAPING PRESSURE CAN CAUSE PERSONAL INJURY BY PENETRATING SKIN OR EYES.

- 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.*

2. Apply grease along running surface of mounting channels. Lubricate when channels become dry.

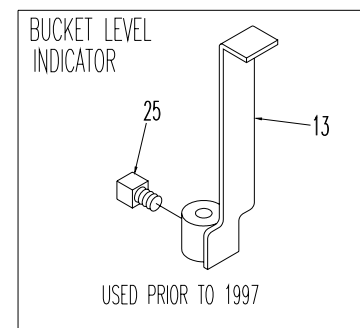
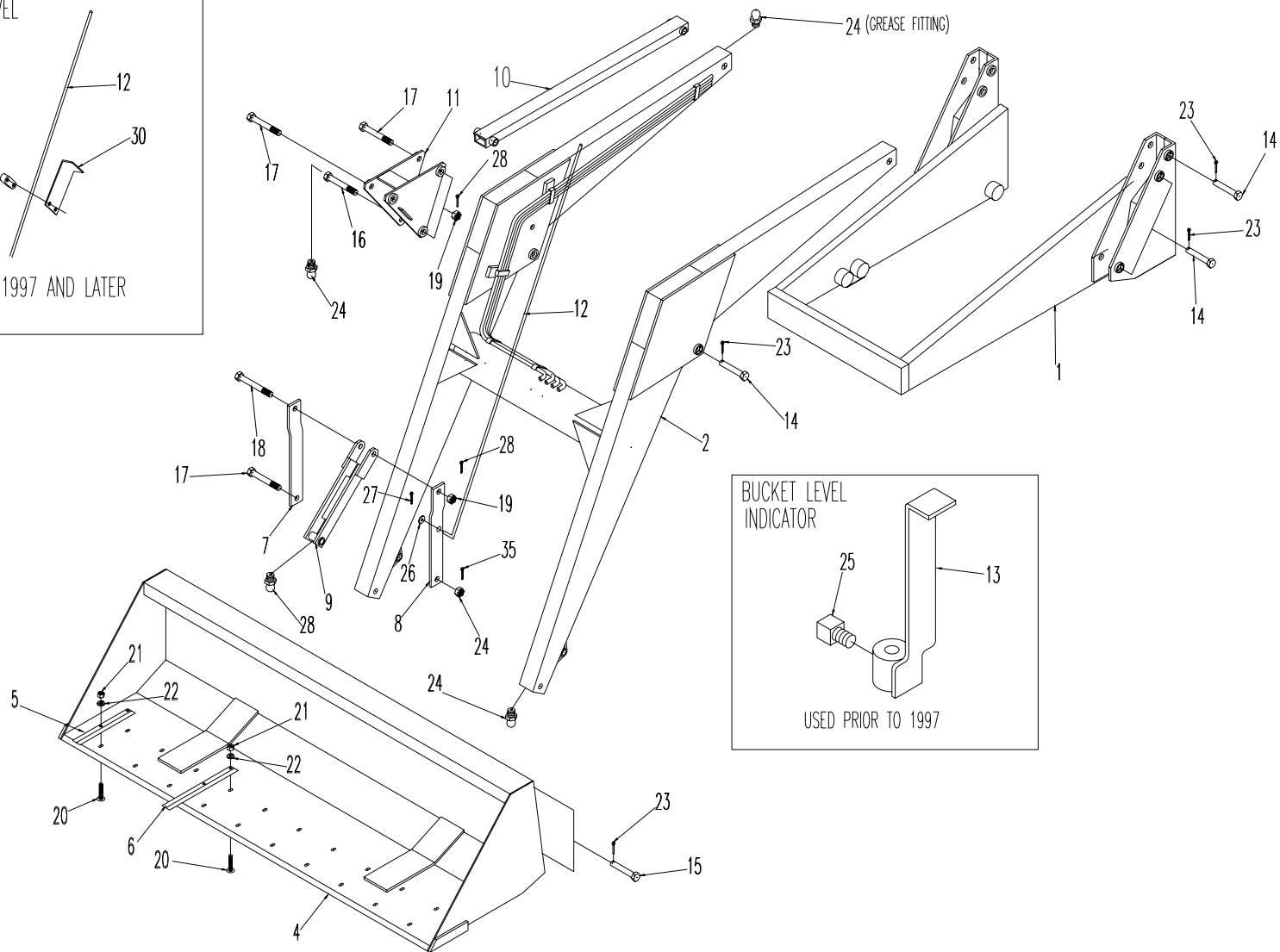
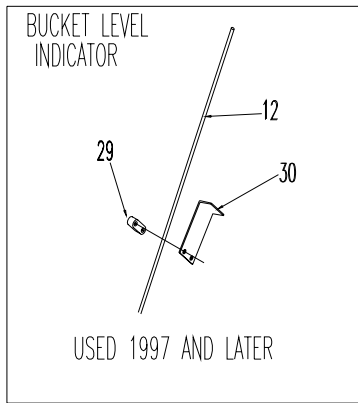
PARTS INDEX

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CYLINDER SEAL KITS	34

PAINT & DECALS

PART NO.	DESCRIPTION	QTY. REQ'D
DF13002	EZEE-ON DECAL - 2-1/2" x 15-1/2"	3
A75764	READ MANUAL DECAL - 2-5/16" X 4-1/2"	1
L3216	FALLING LOAD DECAL - 5" X 4-1/4"	3
L3300	2080 DECAL - 1-1/16" x 7-7/8"	3
L3400	2080s DECAL - 2-3/4" X 10-3/4"	3
L3312	2085 DECAL - 1-1/16" x 7-7/8"	3
L3401	2080s DECAL - 2-3/4" X 10-3/4"	3
L014/L017	CAUTION DECAL	2
L015	BLACK PAINT - 1 QT. CAN	*
L016	BLACK PAINT - 1/2 PINT CAN	*

* as required

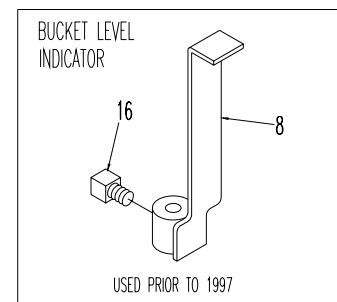
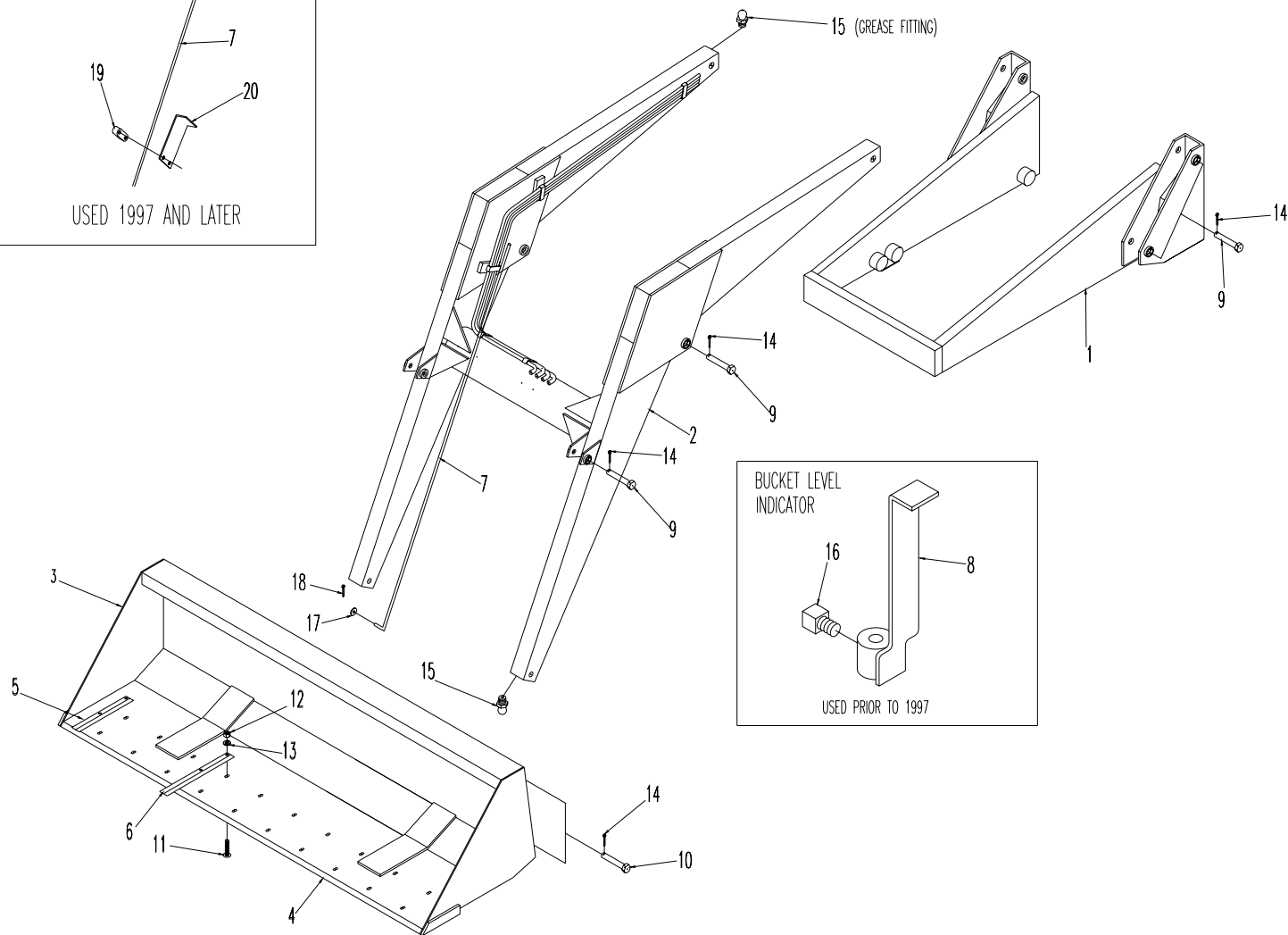
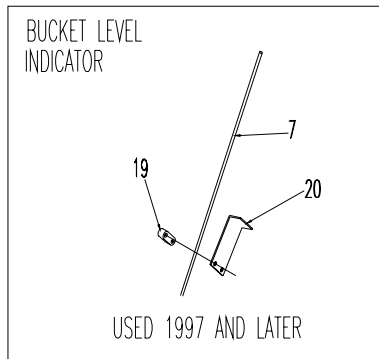


MODEL 2085-2085s

MODEL 2085-2085S LOADER PARTS LIST

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB3411 LB3410 LB3409 LB3408	2085S-1 Yoke Assembly - Narrow Yoke c/w pins 2085S-2 Yoke Assembly - Wide Yoke c/w pins 2085S-3 Yoke Assembly - Extra Wide Yoke c/w pins 2085S-4 Yoke Assembly - Super Wide Yoke c/w pins	1 1 1 1
	LB3315 LB3316 LB3314 LB3315	2085-1 Yoke Assembly -Narrow Yoke c/w pins 2085-2 Yoke Assembly - Wide Yoke c/w pins 2085-3 Yoke Assembly - Extra Wide Yoke c/w pins 2085-4 Yoke Assembly - Super Wide Yoke c/w pins	1 1 1 1
2	LB3565 LB3510	2085S Main Frame Assembly c/w pins 2085 Main Frame Assembly c/w pins	1 1
3	LB3418 LB3415 LB3416 ---	60" Bucket Assembly c/w 4 pins (Std) 72" Bucket Assembly c/w 4 pins (Std) 84" Bucket Assembly c/w 4 pins (Std) For 96" Bucket see Ezee-A-Tach System on page 25 - order 96" Ezee-A-Tach Bucket and Carrier frame	1 1 1 1
Back of Bucket	L3419	Bucket Attaching Lug- Weld-On - Square Back Bucket - Order (2) 1/2" x 2" dia. round hole washers #L2264 or (2) 1/2" x 2" hex. hole washers #L2263 - used 1996 and prior	4
Back of Bucket	L 3420	Bucket Attaching Lug- Weld-On - Slope Back Bucket - Order (2) 1/2" x 2" dia. round hole washers #L2264 or (2) 1/2" x 2" hex. hole washers #L2263 - used after 1996	4
4	L41 L42 L43 L1638	60" Bucket Blade - Weld-On 72" Bucket Blade - Weld-on 84" Bucket Blade - Weld-on 96" Bucket Blade - Weld-on	1 1 1 1
5	L1680 L51	Short Corner Bucket Tooth, used with standard teeth Short Corner Bucket Tooth, used with extra long teeth	as req'd as req'd
6	L51 L43	Bucket Tooth - Std Bucket Tooth - Extra Long	as req'd as req'd
7	LA2270	Outside Pivot Arm	2
8	L2271	Inside Pivot Arm	2
9	LA3211	Bucket Push Arm	2
10	LA3425 LA3322	2085S Self-Levelling Arm Assembly 2085 Self-Levelling Arm Assembly	2 1
11	LA3429 LA3430	Self-Levelling Pivot Bracket L.H. Side Self-Levelling Pivot Bracket R.H. Side	1 1
12	LA3432	Rod - Bucket Level Indicator - 2085-2085S	1
13	LA2279	Indicator Only - Bucket Level Indicator - used 1997 and prior - order part nos. L3247 and L3248	1
14	L885	1" X 4-11/16"*** Hex Head Pin - Yoke	8
15	L2266	1" x 5-1/2"*** Hex Head Pin	4
16	L3426 L3427	1" x 6" N.C. Hex Bolt - Drilled for cotter and grease fitting - used 1998 and prior 1" x 6" N.C. Hex Bolt - Drilled for grease fitting - used after 1998	2 2
17	L1587 L3222	1" x 6" Hex Bolt - Special Thread - Drilled for cotter - Used 1998 and prior 1" x 6" N. C. Hex Bolt - Special Threaded - Used after 1998	4 4
18	L89 L3299	1" x 7" Hex Bolt - Drilled for cotter - Used 1998 and prior 1" x 7" N. C. Hex Bolt - Special Threaded - Used after 1998	2 2
19	L1574 BN100SL	1" N. C. Slotted Hex Nut - Used 1998 and prior with drilled bolt - order part no. BN100SL 1" N. C. Steel Locknut	8 8
20	L57	7/16" x 2-1/4" N. C. Carriage Bolts	16-20-22
21	---	7/16" N.C. Hex Nut	16-20-22
22	---	7/16" Lockwashers	16-20-22
23	---	1/4" x 1-1/2" Cotter Pin	12
24	10GN1	1/4" - 28 Grease Fitting	18
25	---	3/8" x 1/2" N.C. Set Screw - used 1997 and prior	1
26	---	3/8" Flatwasher	1
27	---	5/32" x 3/4" Cotter Pin	1
28	--	1/4" x 1-1/2" Cotter Pin- used with slotted nut only 1998 and prior	2
29	L 3247	3/8" Cable Clamp c/w nuts - used after 1997	1
30	L3248	Indicator Only - Bucket level indicator - Used after 1997	1

** pin length measured from under head to centre of cotter pin hole

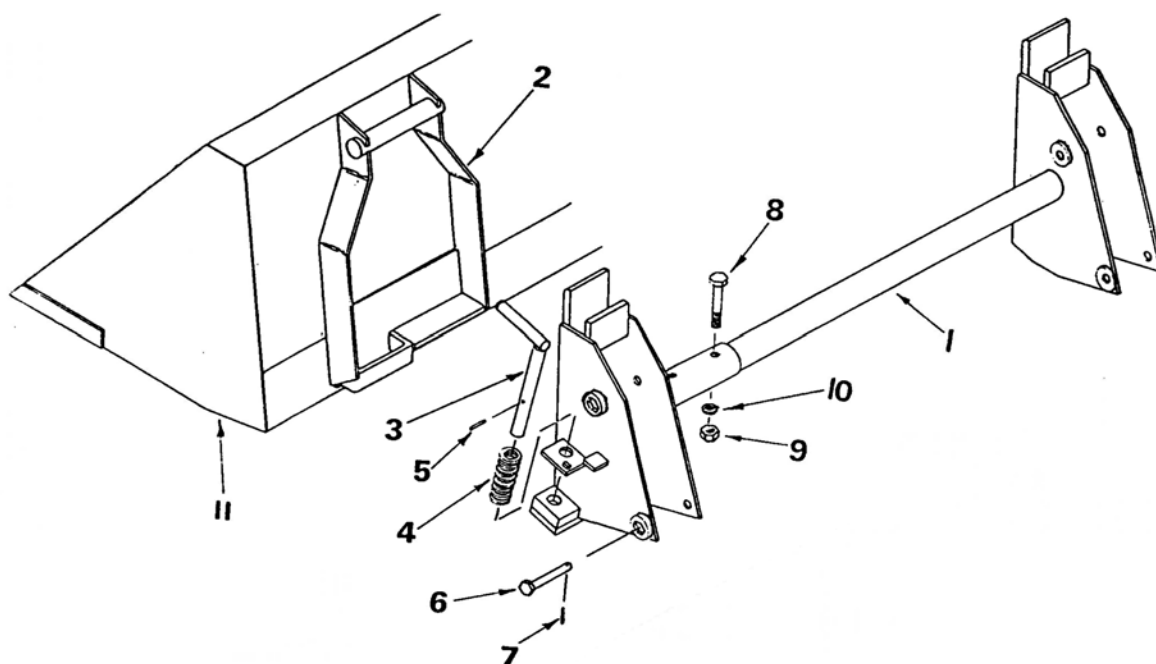


MODEL 2080-2080s

MODEL 2080S-2080 LOADER PARTS LIST

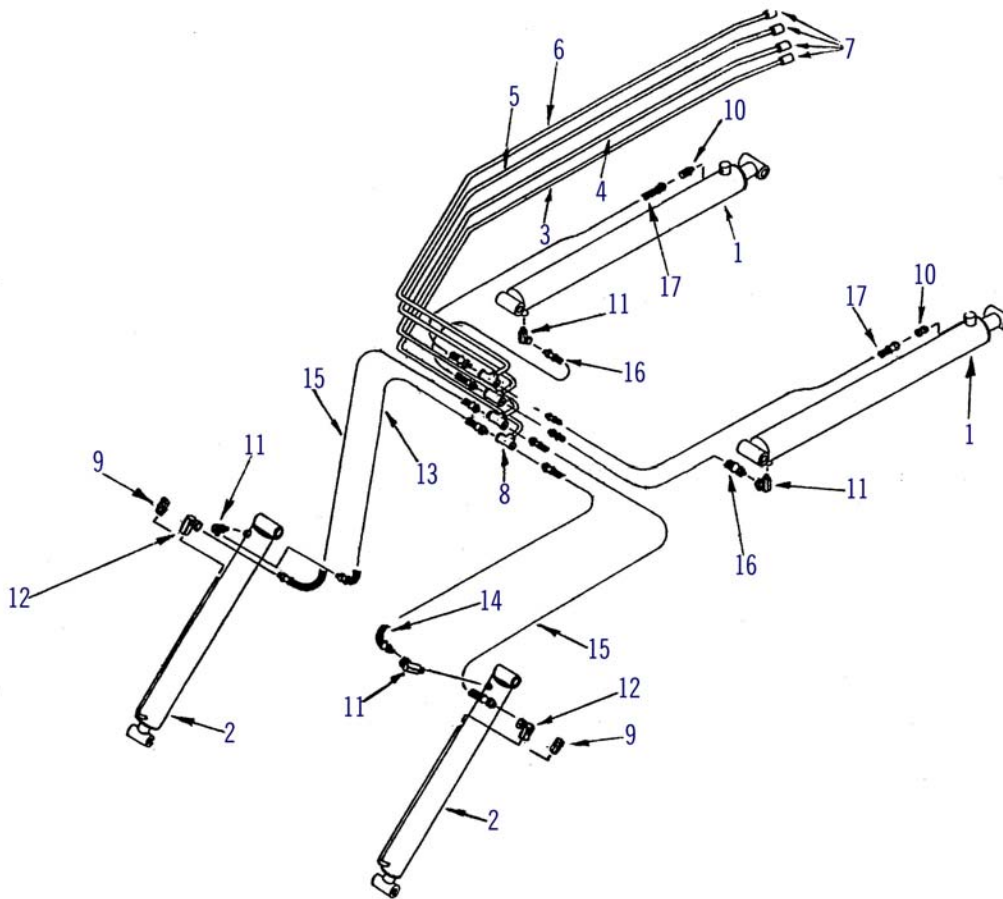
REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB3448	2080S-1 Yoke Assembly - Narrow Wide Yoke c/w pins	1
	LB3447	2080S-2 Yoke Assembly - Wide Yoke c/w pins	1
	LB3446	2080S-3 Yoke Assembly - Extra Wide Yoke c/w pins	1
	LB3445	2080S-4 Yoke Assembly - Super Wide Yoke c/w pins	1
	LB3350	2080-1 Yoke Assembly - Narrow Yoke c/w pins	1
	LB3351	2080 -2 Yoke Assembly - Wide Yoke c/w pins	1
	LB3349	2080-3 Yoke Assembly - Extra Wide Yoke c/w pins	1
	LB3348	2080-4 Yoke Assembly - Super Wide Yoke c/w pins	1
2	LB3582	2080S Main Frame Assembly c/w pins	1
	LB3520	2080 Main Frame Assembly c/w pins	1
3	LB3452	60" Bucket Assembly c/w 4 pins (std)	1
	LB3453	72" Bucket Assembly c/w 4 pins (std)	1
	LB3454	84" Bucket Assembly c/w 4 pins (std)	1
	---	For 96" Bucket see Ezee-A-Tach System on page 25. order 96" Ezee-A-Tach Bucket and Carrier frame assembly	
Back of Bucket	L3457	Bucket Attaching Lug - Weld-On - Square Back Bucket - order (2) 1/2" x 2" dia. round hole washers #L2264 or (2) 1/2" x 2" hex. hole washers #L2263 - used 1996 and prior	4
Back of Bucket	L3458	Bucket Attaching Lug - Weld-On - Slope Back Bucket - order (2) 1/2" x 2" dia. round hole washers #L2264 or (2) 1/2" x 2" hex. hole washers #L2263 - used after 1996	4
4	L41	60" Bucket Blade - Weld-On	1
	L42	72" Bucket Blade - Weld-On	1
	L43	84" Bucket Blade - Weld-On	1
	L1638	96" Bucket Blade - Weld-On	1
5	L1680	Short Corner Bucket Tooth, used with extra long teeth	as req'd
	L51	Short Corner Bucket Tooth, used with standard teeth	as req'd
6	L51	Bucket Tooth (Std)	as req'd
	L52	Bucket Tooth (Extra Long)	as req'd
7	LA3432	Rod - Bucket Level Indicator (2080S-2080)	1
8	LA2279	Indicator Only - Bucket Level Indicator - used 1997 and prior - order part nos. L3247 and L3248	1
9	L885	1" x 4-11/16"*** Hex Head Pin	8
10	L2266	1" x 5-1/2" ** Hex Head Pin	4
11	L57	7/16" x 2-1/2" N. C. Carriage Bolts	16-20-22
12	---	7/16" N.C. Hex Nut	16-20-22
13	---	7/16" Lockwashers	16-20-22
14	---	1/4" x 1-1/2" Cotter Pin	12
15	10GN1	1/4" - 28 Grease Fitting	18
16	---	3/8" x 1/2" N.C. Set Screw - used 1997 and prior	1
17	---	3/8" Flatwasher	1
18	---	5/32" x 3/4" Cotter Pin	1
19	L3247	3/8" Cable Clamp - used after 1997	1
20	L3248	Indicator Only - Bucket Level Indicator - used after 1997	1

** Pin length measured from under head to centre of cotter pin hole



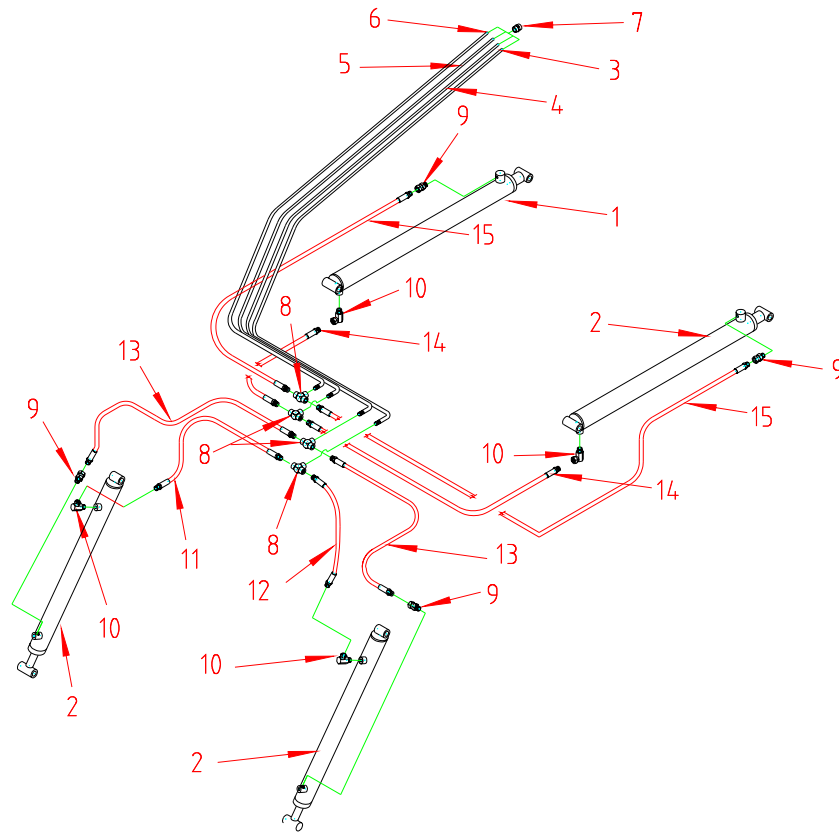
EZEE-A-TACH SYSTEM - (Optional)

REF. NO.	PART NO.	DESCRIPTION	QTY. REQ'D
1	LB2514	Model 2085-2085S Loader Ezee-A-Tach Carrier c/w attaching pins and locking pins	1
	LB2513	Model 2080-2080S Loader Ezee-A-Tach Carrier c/w attaching pins and locking pins	1
2	LA2508	Ezee-A-Tach Bracket - R.H. Side - Weld-On	1
	LA2509	Ezee-A-Tach Bracket - L.H. Side - Weld-On	1
3	LA2507	Locking Pin	2
4	L2510	Locking Pin Spring	2
5	L2511	Roll Pin	2
6	L2266	1" x 5-1/2" Hex Head Pin - pin lengths measured from under head to centre of cotter pin hole	4
7	---	1/4" x 1-1/2" Cotter Pin	4
8	---	5/8" x 4" N.C. Hex Bolt - Used 1998 and prior	1
	---	3/8" x 3-1/2" N.C. Hex Bolt - Used after 1998	1
9	---	5/8" N.C. Hex Nut - Used 1998 and prior	1
	---	3/8" N.C. Hex Nut - Used after 1998	1
10	---	5/8" Lockwasher - Used 1998 and prior	1
	---	3/8" Lockwasher - Used after 1998	1
11	LA2533	72" Ezee-A-Tach Bucket - Less Teeth	*
	LA2534	84" Ezee-A-Tach Bucket - Less Teeth	*
	LA2535	96" Ezee-A-Tach Bucket - Less Teeth	*
12	L2555	U-Bracket - (weld-on)	2



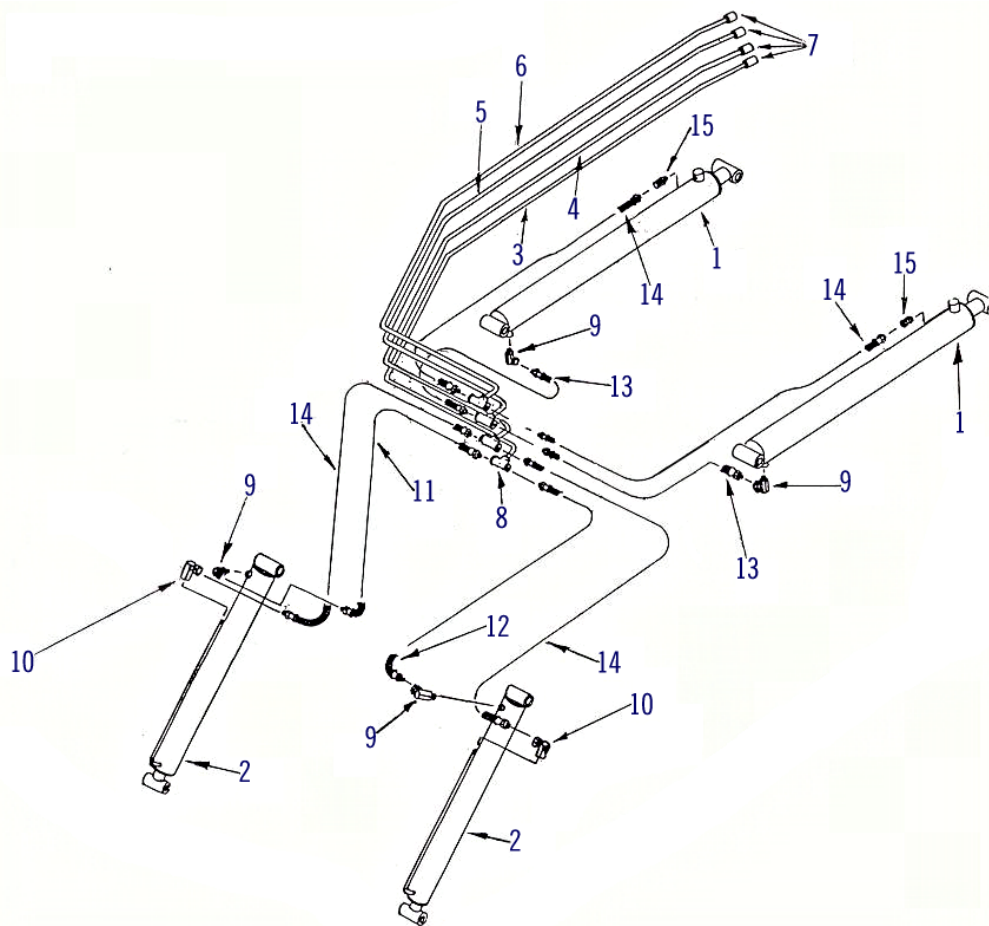
**MODEL 2080-2080S HYDRAULIC SYSTEM
(FOR MODELS PRIOR TO SERIAL NO. 45200)**

REF. NO.	PART. NO.	DESCRIPTION	QTY. REQ'D
1	279, 313	Lift Cylinder - See Cylinder Parts List instructions on page 28	2
2	272, 285	Bucket Cylinder - 2080S-2080 - See Cylinder Parts List instructions on page 28	2
3	L3325	Bottom 1 Hydraulic Oil Line (2080)	1
	L3434	Bottom 1 Hydraulic Oil Line (2080S)	1
4	L3326	Bottom 2 Hydraulic Oil Line (2080)	1
	L3435	Bottom 2 Hydraulic Oil Line (2080S)	1
5	L3327	Bottom 3 Hydraulic Oil Line (2080)	1
	L3436	Bottom 3 Hydraulic Oil Line (2080S)	1
6	L3328	Bottom 4 Hydraulic Oil Line (2080)	1
	L3437	Bottom 4 Hydraulic Oil Line (2080S)	1
7	DL5280	3/8" Connector Union	4
8	DL5282	3/8" x 3/8" x 3/8" Tee	4
9	DL29	3/8" Female Swivel	2
10	L1619	3/8" Male-Female Swivel Adapter	2
11	DL9769	3/8" x 90 degree Swivel Street Elbow	4
12	DL5284	3/8" x 90 Degree Swivel Elbow (Female-Female)	2
13	L2927	3/8" x 28" Hydraulic Hose	1
14	L2930	3/8" x 31" Hydraulic Hose	1
15	L2973	3/8" x 34" Hydraulic Hose	2
16	L2912	3/8" x 60" Hydraulic Hose - Model 2080	2
	L3014	3/8" x 32" Hydraulic Hose - Model 2080S	2
17	L3015	3/8" x 71" Hydraulic Hose - Model 2080	2
	L3016	3/8" x 63" Hydraulic Hose - Model 2080S	2



**MODEL 2080-2080S HYDRAULIC PARTS LIST
(FOR MODELS WITH SERIAL NO #45200 & UP)**

REF. NO.	PART. NO.	DESCRIPTION	QTY. REQ'D
1	313	Lift Cylinder - See Cylinder Parts List instructions on page 28	2
2	310	Bucket Cylinder - (2080S-2080) See Cylinder Parts List instructions on page 28	2
3	L3325	Bottom 1 Hydraulic Oil Line (2080)	1
	L3434	Bottom 1 Hydraulic Oil Line (2080s)	1
4	L3326	Bottom 2 Hydraulic Oil Line (2080)	1
	L3435	Bottom 2 Hydraulic Oil Line (2080s)	1
5	L3327	Bottom 3 Hydraulic Oil Line (2080)	1
	L3436	Bottom 3 Hydraulic Oil Line (2080s)	1
6	L3328	Bottom 4 Hydraulic Oil Line (2080)	1
	L3437	Bottom 4 Hydraulic Oil Line (2080s)	1
7	DL5280	3/8" Connector Union	4
8	DL5282	3/8" x 3/8" x 3/8" Tee	4
9	L1619	3/8" Male-Female Swivel Adapter	4
10	DL9769	3/8" x 90 degree Swivel Street Elbow	4
11	L2927	3/8" x 28" Hydraulic Hose (Model 2080S-2080)	2
12	L2930	3/8" x 31" Hydraulic Hose (Model 2080S-2080)	2
13	L2945	3/8" x 48" Hydraulic Hose (Model 2080S-2080)	2
14	L2912	3/8" x 60" Hydraulic Hose (Model 2080)	2
	L3014	3/8" x 32" Hydraulic Hose (Model 2080S)	2
15	L3015	3/8" x 71" Hydraulic Hose (Model 2080)	2
	L3016	3/8" x 63" Hydraulic Hose (Model 2080S)	2



MODEL 2085-2085S HYDRAULIC PARTS LIST

REF. NO.	PART. NO.	DESCRIPTION	QTY. REQ'D
1	279, 313	Lift Cylinder - See Cylinder Parts List instructions on page 28	2
2	280	Bucket Cylinder - (2085S-2085) See Cylinder Parts List instructions on page 28	2
3	L3325	Bottom 1 Hydraulic Oil Line (2085)	1
4	L3434	Bottom 1 Hydraulic Oil Line (2085S)	1
4	L3326	Bottom 2 Hydraulic Oil Line (2085)	1
4	L3435	Bottom 2 Hydraulic Oil Line (2085S)	1
5	L3327	Bottom 3 Hydraulic Oil Line (2085)	1
5	L3436	Bottom 3 Hydraulic Oil Line (2085S)	1
6	L3328	Bottom 4 Hydraulic Oil Line (2085)	1
6	L3437	Bottom 4 Hydraulic Oil Line (2085S)	1
7	DL5280	3/8" Connector Union	4
8	DL5282	3/8" x 3/8" x 3/8" Tee	4
9	DL9769	3/8" x 90 degree Swivel Street Elbow	4
10	DL5284	3/8" x 90 degree Swivel Elbow - (Female - Female)	2
11	L2927	3/8" x 28" Hydraulic Hose	2
12	L2930	3/8" x 31" Hydraulic Hose	2
13	L2912	3/8" x 60" Hydraulic Hose (Model 2085)	2
13	L3014	3/8" x 32" Hydraulic Hose (Model 2085S)	2
14	L3015	3/8" x 71" Hydraulic Hose (Model 2085)	2
14	L3016	3/8" x 63" Hydraulic Hose (Model 2085S)	2
15	L1619	3/8" Male-Female Swivel Adapter	2

EZEE-ON LOADER CYLINDER PARTS LIST

1. Identify cylinder code number by matching up diameter, stroke, application and type from list below.
2. Once the code number has been established then locate cylinder parts list further in book and use correct reference number and cylinder code column to locate part number.

EZEE-ON CYLINDER PART NUMBER CODE

10 WS 1

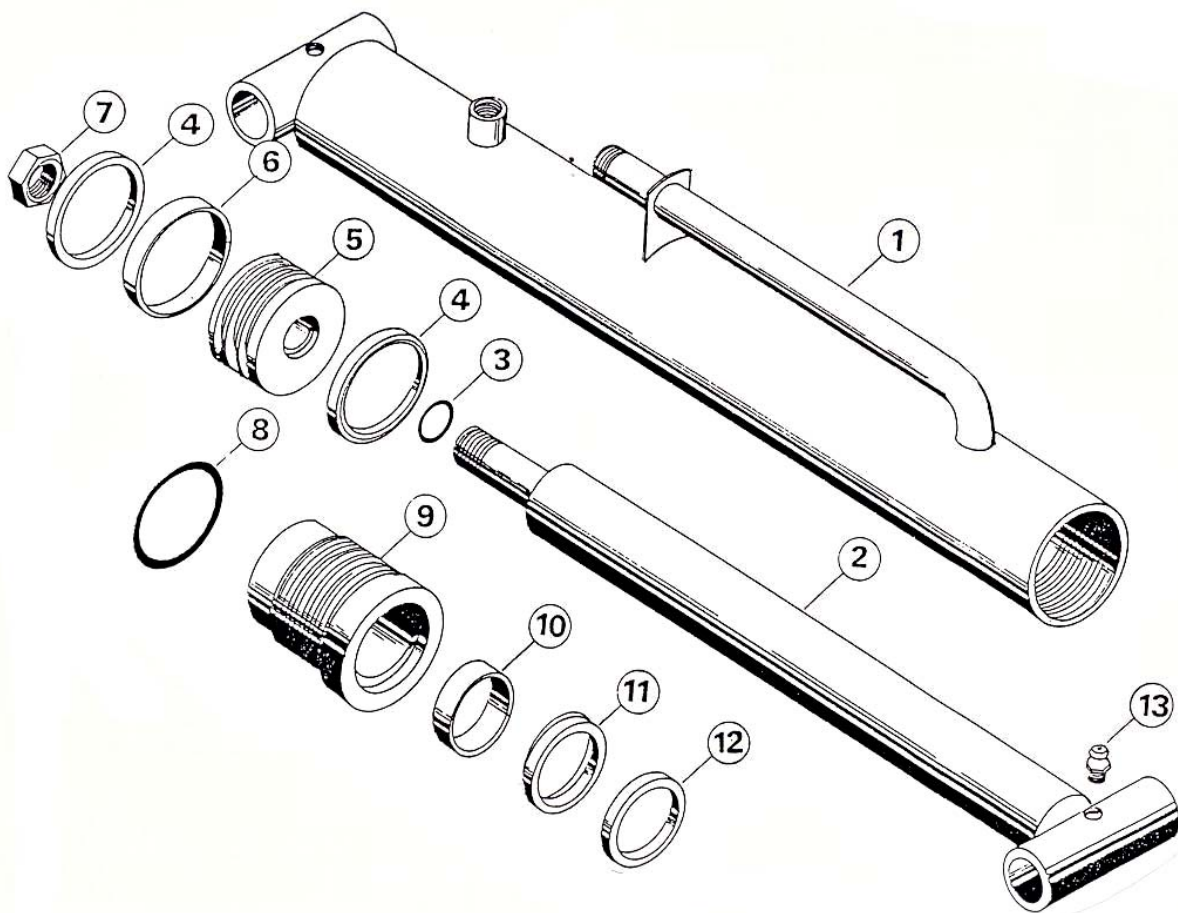
Part Number

Part Description, Wiper Seal Kit

10 - Means Fits Many Sizes of Cylinders
 30 - Means Used Most Commonly on 3" Cylinders

MODEL 2080S-2085S-2080-2085 CYLINDER SPECIFICATIONS

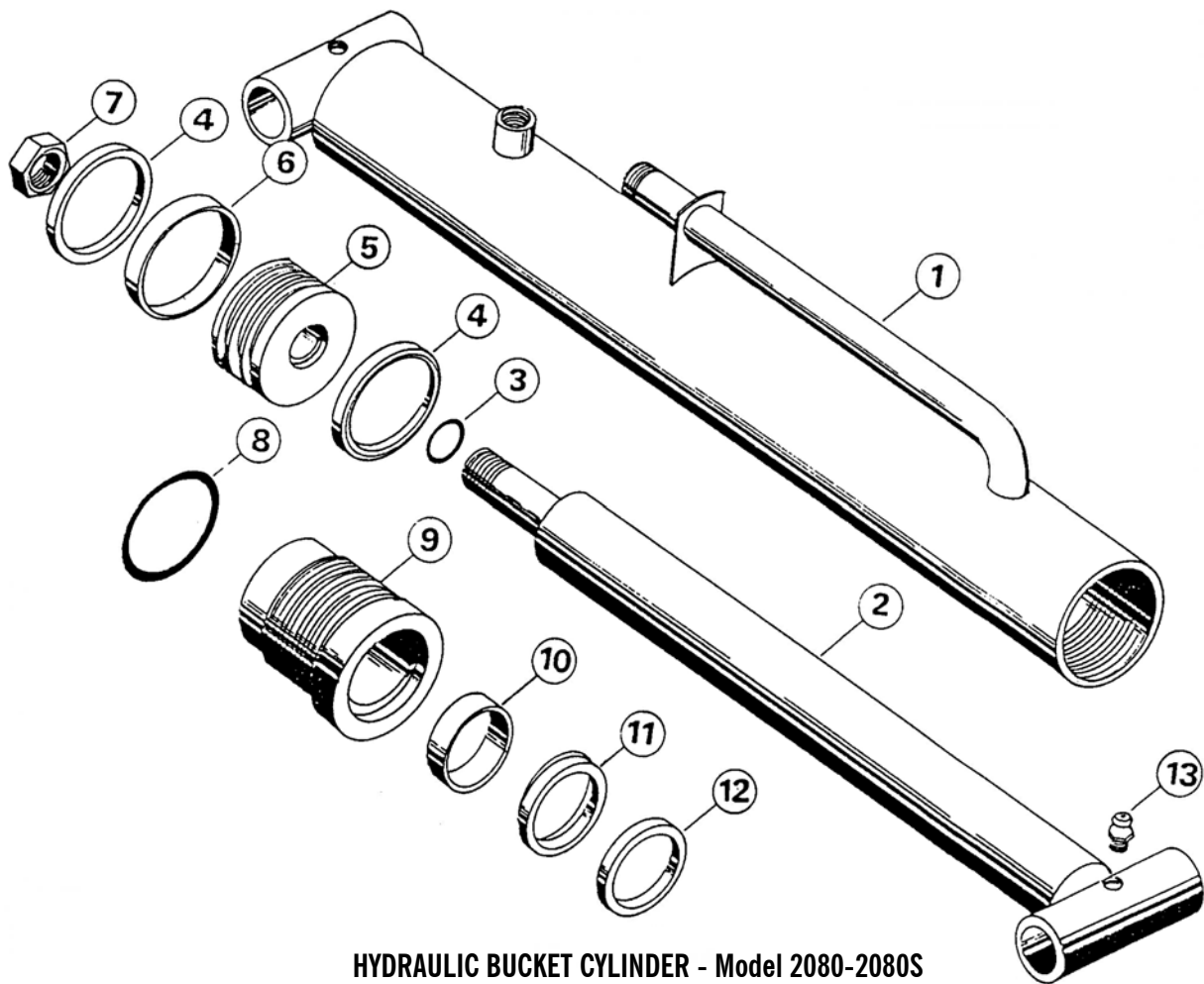
CODE	DIAMETER	STROKE	C-C LENGTH	SHAFT DIAMETER	TYPE	APPLICATION	PARTS LIST PAGE NUMBER
272	3"	18"	26-1/2"	1-1/2"	N4 w/oil line port	Bucket - 2080-2080S	29
285	3"	18"	26-1/2"	1-1/2"	N6 w/oil line port & 1-1/2" O.D. cross tube	Bucket - 2080-2080S	30
280	3"	19-1/2"	33-1/8"	1-1/2"	N4	Bucket - 2085-2085S	33
279	3"	27"	35-1/2"	1-1/2"	N4	Lift	34
313	3"	27"	35-1/2"	1-1/2"	N6	Lift	35
310	3"	18"	26-1/2"	1-1/2"	N6 w/90 deg. port & 1-3/4" O.D. Cross Tube	Bucket - 2080-2080S	32
315	3"	18"	26-1/2"	1-1/2"	N6 w/oil line port & 1-3/4" O.D. cross tube	Bucket - 2080-2080S	31



**HYDRAULIC LIFT CYLINDER - N4 TYPE W/OIL LINE PORT
MODEL 2080-2080S
(FOR MODELS PRIOR TO SERIAL NO. 40100)**

REF NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			272
1	30TU10	Tube Assembly - 3" x 18"	1
2	10SH14	Shaft - 1-1/2" x 18" w/ 1" Stub	1
3	100R21	O-Ring - 1" I.D. x 1-1/8" O.D.	1
4	30CU2	U-Cup - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Piston Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU4	1" N.F. Locking Nut	1
8	100R27	O-Ring - 2-5/8" I.D. x 3" O.D. - 90 Durometer	1
9	30HP9	Head Plate - 1-1/2" Shaft w/ Wear Ring Groove - (N4 type)	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1" Wide	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 2-1/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28 Grease Fitting	2

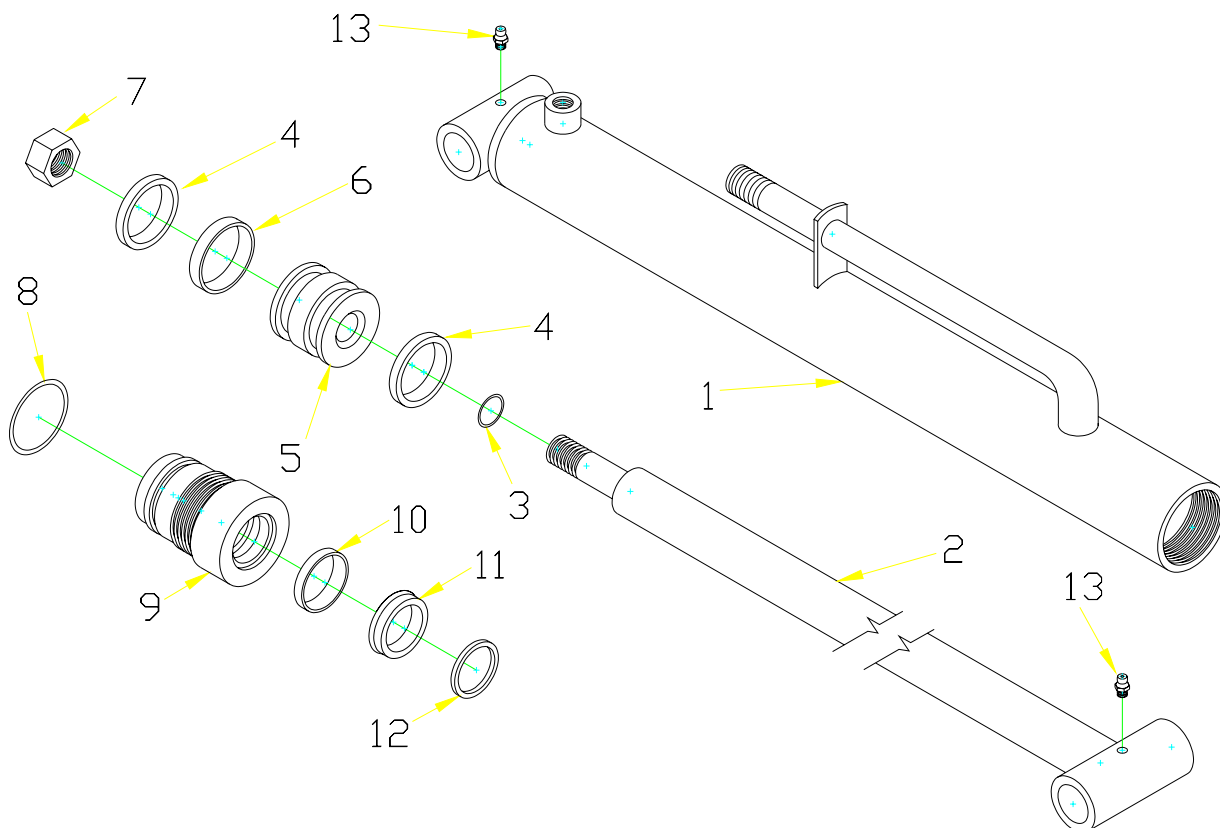
Refer to illustrations on page 36 to help determine cylinder type.



**HYDRAULIC BUCKET CYLINDER - Model 2080-2080S
N6 TYPE (w/OIL LINE PORT)
(FOR MODELS WITH SERIAL NO# from 40100 to 43155)**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			285
1	30TU28	Tube Assembly - 3" x 18" - w/oil Line Port & 1-1/2" O.D. Cross Tube	1
2	10SH14	Shaft - 1-1/2" x 18" w/1" Stub	1
3	10OR21	O-Ring - 1" I.D. x 1-1/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Plunger Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU4	1" N.F. Locking Nut	1
8	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	1
9	30HP11	Head Plate - 1-1/2" Shaft w/Wear Ring Groove - 3" Under Head Length	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1" Wide	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 2-1/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28 Grease Fitting	2

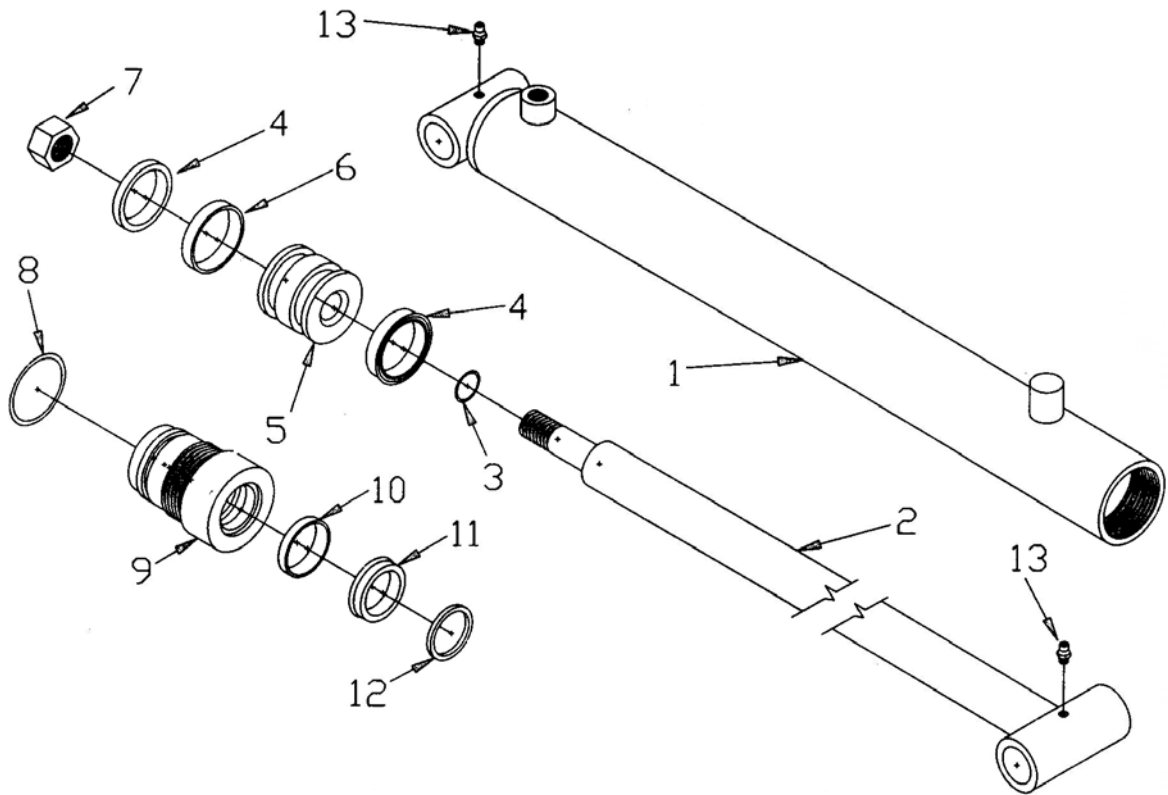
Refer to illustrations on page 36 to help determine cylinder type.



**HYDRAULIC BUCKET CYLINDER - Model 2080-2080S
N6 TYPE (w/OIL LINE PORT)
(FOR MODELS WITH SERIAL NO. From 43156 to 45146)**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			315
1	30TU35	Tube Assembly - 3" x 18" - w/oil line ports - 1-3/4" O.D. Cross tube	1
2	10SH14	Shaft - 1-1/2" x 18" w/1" Stub	1
3	10OR21	O-Ring - 1" I.D. x 1-1/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Plunger Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU4	1" N.F. Locking Nut	1
8	10OR3	O-Ring - 2-5/8" I.D. x 3" O.D.	1
9	30HP14	Head Plate - 1-1/2" Shaft w/Wear Ring Groove - 2-5/8" Under Head Length	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1" Wide	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 2-1/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28 Grease Fitting	2

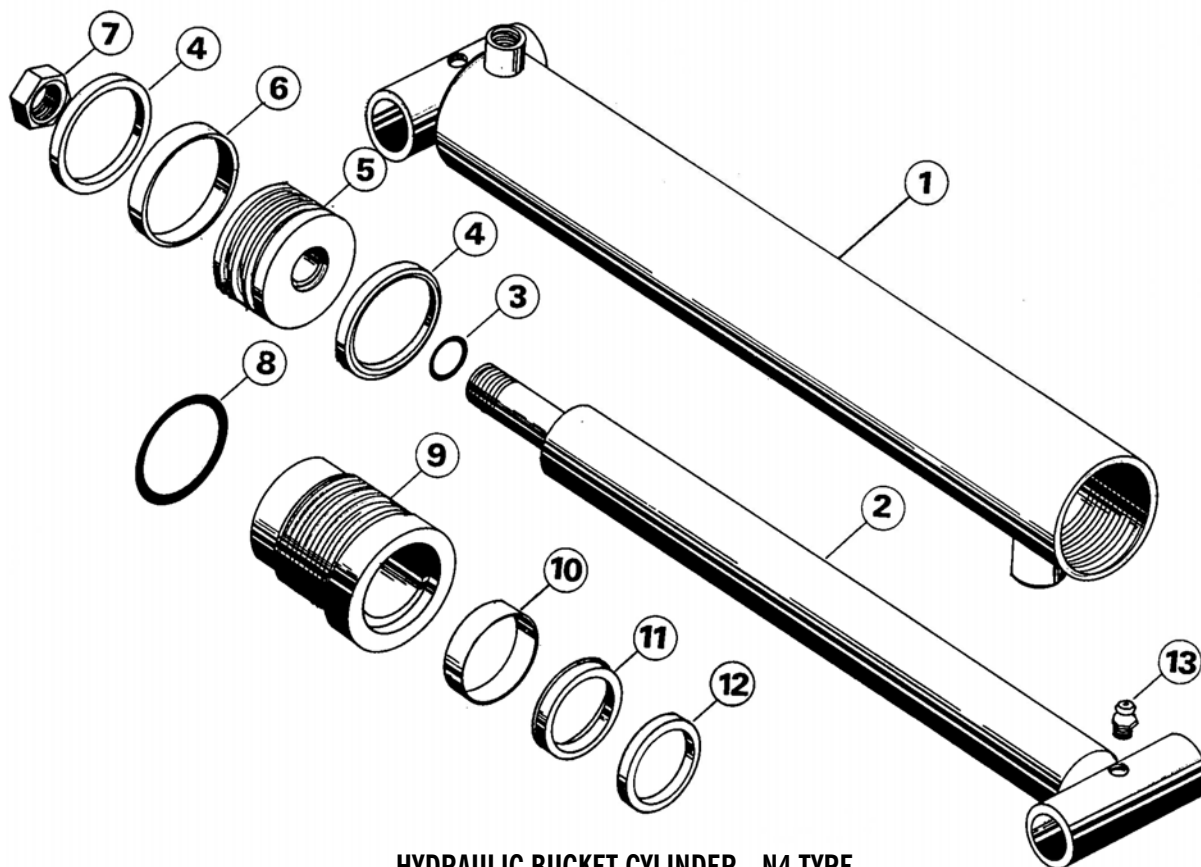
Refer to illustrations on page 36 to help determine cylinder type.



HYDRAULIC BUCKET CYLINDER - MODEL 2080-2080S
N6 TYPE - (W/90 DEGREE PORT)
(FOR MODELS WITH SERIAL NO. 45146 & UP)

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			310
1	30TU36	Tube Assembly - 3" x 18" - w/ 90 deg. port and 1-3/4" O.D. Cross Tube	1
2	10SH14	Shaft - 1-1/2" x 18" - w/1" Stub	1
3	100R21	O-Ring - 1" I.D. x 1-1/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Piston Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU4	1" N.F. Locking Nut	1
8	100R3	O-Ring - 2-5/8" I.D. x 3" O.D.	1
9	30HP11	Head Plate - 1-1/2" Shaft w/ Wear Ring Groove - 2-5/8" Under Head Length	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1" Wide	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 2-1/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28 Grease Fitting	2

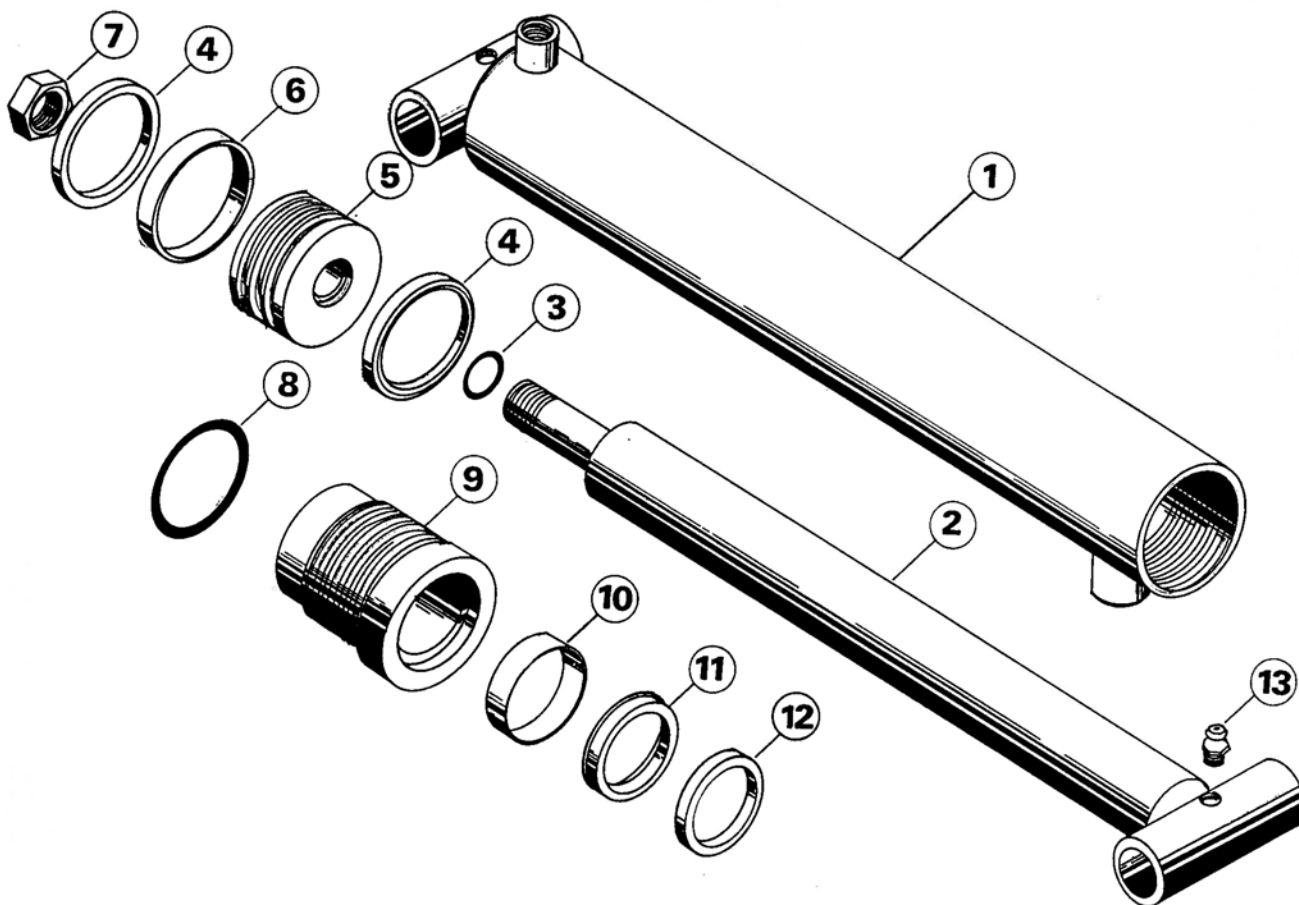
Refer to illustration on page 36 to help determine cylinder type.



**HYDRAULIC BUCKET CYLINDER - N4 TYPE
MODEL 2085-2085S**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			280
1	30TU25	Tube Assembly - 3" x 19-1/2" (2085-2085S)	1
2	10SH43	Shaft - 1-1/2" x 19-1/2" w/ 1" Stub (2085-2085S)	1
3	100R21	O-Ring - 1" I.D. x 1-1/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Piston Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU4	1" N.F. Locking Nut	1
8	100R27	O-Ring - 2-5/8" I.D. x 3" O.D. - 90 Durometer	1
9	30HP9	Head Plate - 1-1/2" Shaft w/ Wear Ring Groove- (N4 type)	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1" Wide	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 2-1/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28" Grease Fitting	2

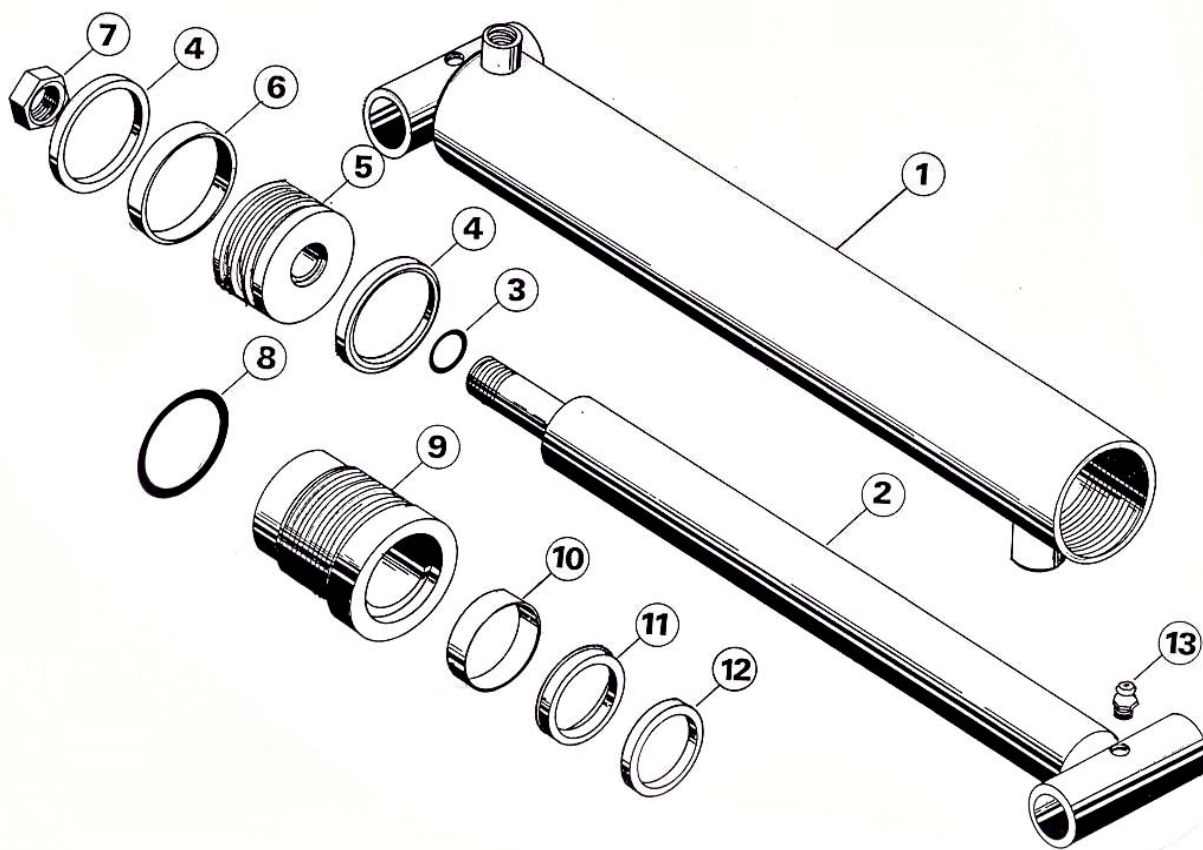
Refer to illustration on page 36 to help determine cylinder type.



HYDRAULIC LIFT CYLINDER - N4 TYPE
MODEL 2080-2080s-2085-2085s
(FOR MODELS PRIOR TO SERIAL NO. 40695)

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			279
1	30TU35	Tube Assembly - 3" x 27" - N4 Type	1
2	10SH14	Shaft - 1-1/2" x 27" - w/3/4" Stub	1
3	100R9	O-Ring - 3/4" I.D. x 7/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Piston Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	100R27	O-Ring - 2-5/8" I.D. x 3" O.D. - 90 Durometer	1
9	30HP11	Head Plate - 1-1/2" Shaft w/ Wear Ring Groove - (N4 Type)	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1"	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28 Grease Fitting	2

Refer to illustration on page 36 to help determine cylinder type.



**HYDRAULIC LIFT CYLINDER - N6 TYPE
MODEL 2080-2080s-2085-2085s
(FOR MODELS WITH SERIAL NO. 40695 & UP)**

REF. NO.	PART NO.	DESCRIPTION	CYLINDER CODE
			313
1	30TU35	Tube Assembly - 3" x 27" - N6 Type	1
2	10SH9	Shaft - 1-1/2" x 27" - w/3/4" Stub	1
3	100R9	O-Ring - 1" I.D. x 1-1/8" O.D.	1
4	30CU2	U-Cups - 2-1/2" I.D. x 3" O.D. x 3/8"	2
5	30PB2	Piston Block - 3"	1
6	30WR1	3" Wear Ring - 2-3/4" I.D. x 3" O.D. x 3/8"	1
7	10NU5	3/4" N.F. Locking Nut	1
8	100R3	O-Ring - 2-5/8" I.D. x 3" O.D.	1
9	30HP11	Head Plate - 1-1/2" Shaft w/ Wear Ring Groove - 3" Under Head Length	1
10	10WR1	Head Plate Wear Ring - 1-1/2" I.D. x 1-3/4" O.D. x 1" Wide	1
11	10RS1	Rod Seal - 1-1/2" I.D. x 1-7/8" O.D. x 3/8"	1
12	10WS1	Wiper Seal - 1-1/2" I.D. x 2-1/8" O.D. x 3/16"	1
13	10GN1	1/4" - 28 Grease Fitting	2

Refer to illustration on page 36 to help determine cylinder type.

EZEE-ON CYLINDER REPAIR SEAL KIT CODES

CODE 30 = 3" BORE

PART NO. 3015HR - N4

N4 - Thread Type Head

HR = Wear Ring in Head and Piston

15 = 1-1/2" Shaft

CYLINDER SEAL KITS

KIT NO.	CONTENTS			FITS CYLINDER CODE NO.
3015HR-N4-P	2 -	30CU2	2-1/2" I.D. x 3" O.D. x 3/8" U-Cup	272
	1 -	10RS1	1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal	279
	1 -	10WR1	1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal	280
	1 -	30WR1	2-3/4" I.D. x 3" O.D. x 3/8" Wear Ring	
	1 -	10WR1	1-1/2" I.D. x 1-3/4" O.D. x 1" Wear Ring	
	1 -	100R27	2-5/8" I.D. x 3" O.D. O-Ring - 90 Durometer	
	1 -	100R21	1" I.D. x 1-1/8" O.D. O-Ring	
	1 -	100R9	3/4" I.D. x 7/8" O.D. O-Ring	
3015HR-N6	2 -	30CU2	2-1/2" I.D. x 3" O.D. x 3/8" U-Cup	285
	1 -	10RS1	1-1/2" I.D. x 1-7/8" O.D. x 3/8" Rod Seal	310
	1 -	10WS1	1-1/2" I.D. x 1-7/8" O.D. x 3/16" Wiper Seal	313
	1 -	30WR1	2-3/4" I.D. x 3" O.D. x 3/8" Wear Ring	310
	1 -	10WR1	1-1/2" I.D. x 1-3/4" O.D. x 1" Wear Ring	315
	1 -	100R3	2-5/8" I.D. x 3" O.D. O-Ring	
	1 -	100R21	1" I.D. x 1-1/8" O.D. O-Ring	
	1 -	100R9	3/4" I.D. x 7/8" O.D. O-Ring	

HEAD TYPE IDENTIFICATION

