# JOHNSON "Work" Horse's LOADER MODEL 10 TC

FOR
INTERNATIONAL
CUB CADET
10, 12, 14 H.S.P.
COMPACT TRACTORS

- GREATER BREAKAWAY
   CAPACITY
- HIGHER LIFT
- 350 POUNDS PAYLOAD
- BUCKET POSITION INDICATOR

#### MOWER AND LOADER MOUNT TOGETHER



cepted by International Harvester Company and will not affect the werranty of the tractor. Performance and warranty of the equipment are the responsibilities of its manufacturer.

#### SPECIFY TRACTOR MAKE AND MODEL WHEN ORDERING

PRINTED IN U.S.A.

#### SPECIFICATIONS

J1039-1-70PS



Unit construction - box construction, A 50%" clearance under bucket fully dumped,

- B 65" clearance under fully raised bucket.
- C 67" height to pivot fully raised.
  D 10" reach with bucket fully dumped.
- E 10" clearance from grille to bucket,
- F 19" reach from axle to bucket. G 470 dumping angle.

Total weight as shown above—350 lbs. Bucket Capacity 350 lbs. Payload

Reservoir 4 qt., with filter screen in upright. Time of lift-5 sec.

Counter weight required. Hydraulic valve.

55420

Hydraulic pump-1150 p.s.i. Hydraulic cylinders, double acting.

JOHNSON HYDRAULIC EQUIPMENT CO.

215 W. 78th STREET

MINNEAPOLIS MINNESOTA

## JOHNSON "WORK HORSE" TERRA-BLADE FOR INTERNATIONAL CUB CADET TRACTORS MODEL 70 AND UP

#### IDEAL FOR LANDSCAPING PREPARATION

- Blade may be mounted or removed in minutes.
- Blade positions, straight, right or left 200
- 3/8" x 6" blade available in 42" or 50" lengths
- Blade made of high carbon grader blade stock
- Extra lift handle available to position blade when mounted with tiller.
- Doubles the efficiency of your equipment.

Method of mounting and using this equipment on the tractors specified is accepted by International Harvester Company and will not affect the warranty of the tractor. Performance and warranty of the equipment are the responsibilities of its manufacturer.

MANUFACTURERS OF THE FAMOUS "WORK HORSE" LOADER

215 WEST 78TH STREET . MINNEAPOLIS, MINNESOTA 55420

PHONE: AREA 612 866-8473



To The Purchaser . .

This manual will help you get the most value from your Johnson loader. Read carefully all assembly, operating, adjusting and service information. You will find many helpful pointers which will not only save time but will help you operate the loader most efficiently.

Since 1944, Johnson Hydraulic Equipment Co. have specialized in building hydraulic loaders for agricultural and industrial use, and are one of the oldest loader manufacturers in the

United States today.

The JOHNSON Loader is manufactured to the high standards of Johnson Hydraulic Equipment Co., and it has been designed to give you, the customer, the many features you had in mind.

#### WARRANTY

WE WARRANT all new products of our own manufacture to be free from defects in material and workmanship, for a period of 90 days. Component parts not of our manufacture are covered by the guarantees of their respective manufacturers.

We will replace free of charge f.o.b. distributor's warehouse or customer's warehouse any parts covered by our warranty which shall within 90 days after date of delivery to original user, be returned to our factory, transportation charges prepaid, providing our inspection show such parts to be defective in

workmanship or material.

THIS WARRANTY shall not apply to products which have been repaired or altered prior to their inspection by our factory, nor shall it apply to products which have been subjected to abuse, negligence, or accident; further, this Warranty shall not apply to products which have been used in applications for which they were not designed or intended.

After you have read this manual thoroughly, keep it handy for ready reference. When in need of parts and major service, see your authorized tractor dealer. He has trained servicemen as well as genuine service parts and the necessary tools and

equipment to handle all your needs.

A complete list of parts is included in this manual.

Right-hand (R.H.) and Left-hand (L.H.) reference is determined by standing at the rear of the tractor or loader and facing the direction of travel.

#### REMOVING LOADER

1. Drain oil from loader system by removing drain plug in bottom of upright tank. BE SURE TO USE A CLEAN CONTAINER FOR THE OIL.

NOTE: On Tractor Hydraulic Systems DO NOT DRAIN OIL - Remove Loader Hoses from tractor system and reattach tractor hoses.

2. Disconnect pussep hoses at upright and valve. Remove all bots and/or pins attaching uprights to front mounting and sub-frame. Now remove lift frame and up-

rights as one unit. 4. Remove front mounting.

5. Remove sub-frame. CONTENTS PAGE Warranty ..... Service .... 

#### IMPORTANT

When in need of parts, be prepared to give serial number shown on top of Right Hand upright of loader -write it in the blank space below, now.

JOHNSON LOADER Serial No.

Model No. L074-10-AR-PS

#### **OPERATION**

1. IMPORTANT: Do not run tractor engine with belt on pump until loader is mounted and full of oil.

2. Check oil level periodically to make sure oil is not more than 8 inches below top of tank. IMPORTANT: USE ONLY LIGHT WEIGHT ANTI-FOAM AND ANTI-SLUDGE HY-DRAULIC OIL. FOR BEST PERFORMANCE

3. Start tractor and operate loader, extending all cylinders to remove air.

Always have engine running at least half speed while operating loader. If loader is operated at very low engine speed, hydraulic pump will not displace oil fast enough and oil will be forced out of breather.

To RAISE loader, pull control lever toward you as far as it will go. Lever will return to Neutral as soon as you release

it. To LOWER loader push lever forward. 4. Check hydraulic oil level in system. If loader does not reach

maximum height, a shortage of oil is indicated. Operate loader several times, and with all cylinders col-

lapsed check and maintain correct oil level. 5. For smooth performance and efficient operation, adhere to

the following instructions: Be sure pump is running whenever loader is operated. Should loader be left in raised position, be sure to start pump before lowering loader. If loader is dropped with

dead pump,' the oil lines will be filled with air, causing jerky loader operation and also causing oil to come out of top of tank through breather.

6. For ballast, use two sets of rear wheel weights with 150 lbs. in the ballast box, or one set of rear wheel weights with 230 lbs. in the ballast box.

7. For maximum tire service, front tires should be inflated to 40 lbs. p.s.i. on 4-ply tires. (Tire manufacturers recommend

4-ply rating for commercial type operation.) CAUTION

1 Do not operate loader unless hydraulic pump is running.

2 Ballast tractor rear wheels for tability

3 Lift load engage tractor clutch and accelerate tractor with care

4. In transport, carry working unit

5 Before servicing or adjusting

a Lower working unit to ground Bucket with springs should not be in tripped position;

b Disengage power and shut off engine

c Relieve hydraulic pressure before disconnecting oil

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WRONG!

Rear wheels not extended to widest tread width - no wheel weights - no ballast box.

Under no conditions should tractor be driven with bucket in raised position. To do so may cause serious injury to both operator and equipment. TOP HEAVY EQUIPMENT IS PRONE TO TIP.



#### RIGHT!

Rear wheels in widest tread position, with wheel weights and ballast box.

In transport, carry working unit low, as shown in picture.

#### PRE-STARTING INSPECTION

Be sure loader has been properly assembled to tractor. Assembly instructions are on pages 5-10.

#### SERVICE

#### BOLTS

For maximum life of your loader check mounting bolts at periodic intervals. Through constant operation, bolts can loosen and cause excessive wear on loader.

#### SERVICE (Cont.)

When V-belt slippage is first noticed, tighten V-belt immediately to prevent excessive wear. Do so by loosening nuts on pump and moving pump back until a 10-pound pressure midway between the sheaves deflects the belt 1/4 inch. Tighten nuts to hold pump in this position to maintain proper tension.

#### SCREEN

After loader has been operated several hours, remove drain plug from bottom of upright tank and drain oil from reservoir. Disconnect low pressure hose from upright, and remove

screen from tank. Flush and clean tank and screen. Reassemble (This screen should be removed from time to time for cleaning If screen becomes clogged, cavitation of pump will result and pump will wear out very quickly.)

#### CYLINDERS

Cylinder service normally consists of replacing O-Rings and packings to correct a leaking condition. If disassembly reveals defective wiper, scored piston, or barrel, these parts should be replaced.

To replace rings and packings:

- 1. Remove the wiper and snap ring from cylinder tube.
- 2. Slide the piston rod and attached parts out of cylinder
- 3. Remove nut from end of the piston rod.
- Slide components off threaded end of piston rod.
- 5. Replace defective 'o' rings and backup washers. 6. Assemble cylinder in reverse order of disassembly being
- careful not to cut or nick 'o' rings. 7. Be sure snap ring is properly seated in groove.

#### PUMP AND VALVE

If trouble indicates pump or valve failure, do not attemp

repairs but return to factory for inspection and proper servicing Valve and Pump pressure are preset by manufacturer, and should not be tampered with. They are set at tractor manu facturer's recommendations.

#### ANY EVIDENCE OF TAMPERING WILL AVOID ALL WARRANTY.

#### TROUBLE SHOOTING

Unit will not operate:

- 1. Low oil supply
- Obstructed oil lines
- 3. Improper hose installation
- 4. Omission of key in pulley
- 5. Worn pump
- 6. Excessive V-belt wear from improper alignment and/o tension.

Unit operating inefficiently

- 1. Leaky seals in cylinders
- 2. Leaky or worn valve
- 3. Sticky valve spool 4. Do not warp valve by using excessive pressure on mountin
- bolts or with excessive by-passing of valve pressures. 5. Operating with low oil supply will cause heat in system
- and make oil too thin for proper operation.

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We will replace free of charge f.o.b. distributor's warehouse or customer's warehouse any parts covered by our warranty which shall within 90 days after date of delivery to original user, be returned to our factory, transportation charges prepaid, providing our inspection show such parts to be defective in workmanship or material.

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JOHNSON LOADER

Serial No. .... Model No.

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3. Start tractor and operate loader, extending all cylinders to remove air.

Always have engine running at least half speed while operating loader. If loader is operated at very low engine speed, hydraulic pump will not displace oil fast enough and oil will be forced out of breather. To RAISE loader, pull control lever toward you as far as

it will go. Lever will return to Neutral as soon as you release it. To LOWER loader push lever forward.

4. Check hydraulic oil level in system. If loader does not reach maximum height, a shortage of oil is indicated.

Operate loader several times, and with all cylinders collapsed check and maintain correct oil level.

5. For smooth performance and efficient operation, adhere to the following instructions:

Be sure pump is running whenever loader is operated. Should loader be left in raised position, be sure to start pump before lowering loader. If loader is dropped with

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- 3 Lift load, engage tractor clutch and accelerate tractor with care
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- Excessive V-belt wear from improper alignment and/or tension.

Unit operating inefficiently

- 1. Leaky seals in cylinders
- 2. Leaky or worn valve
- 3. Sticky valve spool
- Do not warp valve by using excessive pressure on mounting bolts or with excessive by-passing of valve pressures.
- 5. Operating with low oil supply will cause heat in system and make oil too thin for proper operation.

THOUSE EN THE PURTICULAR FOR THE LET TO TOWNER

#### THE GUB CADET MODELS 102 thru 127

#### Before to Salametta Decide as

Step I. Recove front PTO rod from hand lever link by pulling clip pin and spring.

Step 2. Remove muffler.

top 3. Remove shroud (sersen) over drive shaft.

top 4. Temove downl pin and four bolts from drive shaft pulley (or flange).

Step 5. Remove four engine mounting bolts and tip engine forward enough to install loader drive pullay and belt (31330 on genr tractor, \$1330 on hydro) on drive shift (Sec dament MOS2)

top 6. Leaving pullays loose, remount engine, muffler and front PTO rod.

Step 7. Install dowel pin (No. 1977 furnished with loader) flush with tractor pulley

flange. (See diagram J1063).

top 8. Lolt loader pulley (15. 1976) and tractor pulley to engine using four 1/4 x 1-1.

capsereus and looks here furnished with loode

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#### MOTES DO NOT YOU FUND UNTIL UNIT IS FILLD VITH OIL

Step 11. Install lift from and lift cylinders to unrights.

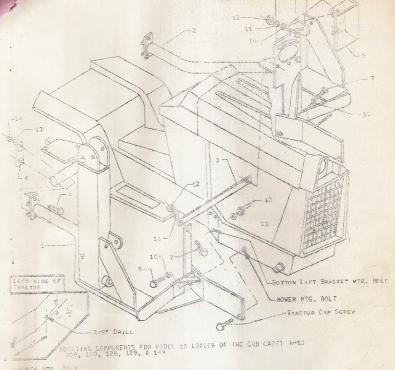
USE TERSAD SEMANT OF HOSE ELDS COTHS TO FEMAL ILLES. DO NOT USE SEMANT THERE HOSE FITS INTO STITEL ADAPTERS.

Step 12. Install hoses per J.Col and hose connecting diagram.

Step 13. Fill unit with oil (2 to 5 quarts). Work and not elevate by exceeding and retracting by a several times until are mooth and solid.

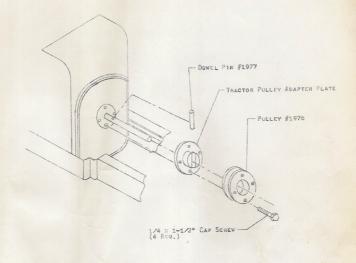
Step 14. Install ballast box on bucket and agust bucket a dicator rod.

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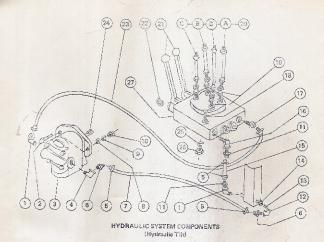


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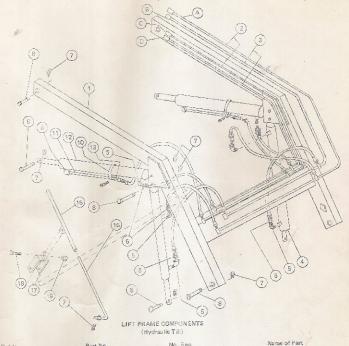




MOUNTING INSTRUCTIONS FOR INSTALLING PUMP DRIVE PULLEY ON INC CUB CADET WITH HYDROSTATIC DRIVE



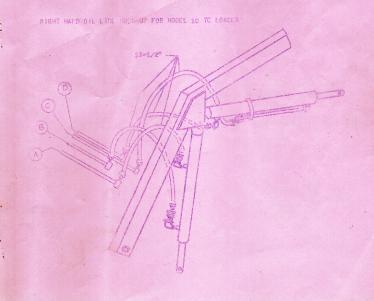
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8 G 8 1 1/2 x 8" L.P. Hose-Botons 1250 8 G 16 1 1/2 x 16" L.P. Hose-So 195, IHC Cub Carlet 8 G 42 1 1/2 x 12" L.P. Hose-Massey Ferguson 8 G 33 1 1/2 x 32" L.P. Hose-Massey Ferguson 8 G 33 1 1/2 x 32" L.P. Hose-Massey Ferguson 8 G 20 1 1/2 x 20" L.P. Hose-Minnespolis-Molline, Ford, Jacobson 9 G MK 1 2 3/8" Lost Washer 10 5 MJ 1 2 3/8" Lost Washer 11 8 GV 6 2 1/2" Earbed Insert x 3/8 MINPT 11 8 GV 6 2 1/2" Earbed Insert x 3/8 MINPT 12 12 N 1 1 3/4" Close Nipple 13 12 N 1 1 3/4" Close Nipple 14 10/3 A 1 Screen 15 G G 6 6 1 Acapter MF 50/9 F/6 18 x 3/8 NPSM 16 G G 6 6 1 Acapter MF 50/9 F/6 18 x 3/8 NPSM 17 6 GM 8 1 Acapter MF 50/9 F/6 18 x 3/8 NPSM 18 4 MIH 32 2 1 1/2 x 17" L.P. Hose 19 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 19 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 10 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 10 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 11 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 11 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 11 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 11 4 GM 4 4 Acapter MF 50/9 F/6 18 x 3/8 NPSM 12 D J 16 2 Valve Handle 12 D J 16 2 Valve Handle 13 6 GB 40 1 3/8 x 24" One Wire Hose-Bolens 1050, IHC Cüb Cadot 14 NI SINGLE NOOR SINGL	7		- 7	1/2 x 10 L.P. Hose-Bolons 1050
8 G 18 1 1/2 x 16" LP, Hose-Case 198, IHC Cub Carlet 8 G 42 1 1/2 x 42" LP, Hose-Massey Ferguson 8 G 20 1 1/2 x 33" LP, Hose-Wheel Horse 6 G 20 1 1/2 x 33" LP, Hose-Wheel Horse 7 G 4 MK 2 1 3/3" Flat Wesher 10 G 4 MK 1 2 3/3" Flat Wesher 10 G 4 MK 1 2 3/3" Hex Washer 10 G 4 MK 1 2 3/3" Hex Washer 10 G 4 MK 1 2 3/3" Hex Washer 10 G 4 MK 1 2 3/3" Hex Washer 10 G 4 MK 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	1/2 x 8" L.P. Hose-Bolens 1250
8 G 42 1 1/2 x 42" L.P. Hose-Massey Ferguson 8 G 33 1 1/2 x 33" L.P. Hose-Minnes Horse 8 G 33 1 1/2 x 33" L.P. Hose-Minnes Horse 9 G MK 2 1 3/6" L.P. Hose-Minnes Horse 1/2 x 20" L.P. Hose-Minnes polita Molline, Ford, Jacobson 3/6" Lock Washer 1/2" Earthed Insert x 3/8 MINPT 1/2 x 12 N 1 1 3/4" Close Nippia 1/2 L.P. Hose 6 G 0 6 1 Acapter MF 9/0 9/16-18 x 3/8 NIPSM 1/4 x 12" Stove Bolt 1/4 x 15" Close Nippia 1/4 x 15" Stove Bolt 1/4 x 15" Close Nippia 1/4 x 15" Stove Bolt 1/4 x 15" Stove Bolt 1/4 x 15" Close Nippia 1/4 x 15" Stove Bolt 1/4 x 15" Stove Bolt 1/4 x 15" Stove Bolt 1/4 x 15" Close Nippia 1/4 x 15" Stove Bolt 1/4 x 15" Close Nippia 1/4 x 15"			1	1/2 x 16" L.P. Hose-Case 195, JHC Cub Carlet
8 G S S S S S S S S S S S S S S S S S S			1	1/2 x 42" L.P. Hose-Massey Ferguson
8 G 20 1 1/2 x 20" L.P. Hose-Minnespolia-Molline, Ford, Jacobson 3/6 Hist Wesher 1 3/6" Flat Wesher 2 3/6" Lost Wesher 2 3/6" Lost Wesher 2 3/6" Lost Wesher 2 3/6" Lost Wesher 2 3/6" Herk Nut 1 2 3/6" Lost Wesher 2 1/2" Berbod Insert x 3/8 MINPT 1 1 2 1/2" Lost Wesher 2 1/2" Berbod Insert x 3/8 MINPT 1 1 2 1/2" Lost Wesher 2 1/2" Reducing Ell 1 1/2" Lost Wesher 2 1/4" Los			1	1/2 x 33" I.P. Hose-Wheel Horse
38			1	1/2 x 20" L.P. Hose-Minneapolis-Moline Ford Jacobson
3   6 MK1   2   3/6" Lock Washer   10   5 MJ1   2   3/6" Lock Washer   11   8 GV 6   2   1/2" Earthed Insert x 3/8 MINPT   12   12 N/2 6A   1   3/4" X12" Reducing EII   13   12 N/1   1   3/4" Close Nipple   13 A   1   14 N/2   14 N/2   14 N/2   14 N/2   14 N/2   15 N/2   16 G G G G G G G G G G G G G G G G G G			1	3/8 Flat Washer
10 6 MJ1 2 3/8" Hex Nut 11 8 GV 6 2 1/2" Extrated Insert x 3/3 MINPT 12 12 NC 8 A 1 3/4 x 3/2" Reducing Ell 13 12 N.1 1 3/4" Ccse Nipple 14 1043 A 1 Screan 15 8 G 17 1 1/2 x 17" L.P. Hose 16 6 GO 6 1 Adaptor MF 90° 91/6-18 x 3/8 MPSM 17 6 GM8 1 Adaptor MF 90° 91/6-18 x 3/8 MPSM 18 4 MH 32 2 F4 x 2" Stove Bot 19 4 GM 4 Adaptor MF 91/6-18 x 3/8 MPSM 19 4 GM 4 Adaptor MF 91/6-18 x 3/8 MPSM 19 4 GM 4 Adaptor MF 91/6-18 x 3/8 MPSM 19 4 GM 4 Adaptor MF 91/6-18 x 3/8 MPSM 19 4 GM 4 Adaptor MF 91/6-18 x 3/8 MPSM 19 5 GB 18 1 1/4 x 16" One Wire Hose Boless 1050, HC Cub Caddor Minneurolis-Mollos, Ford, Jacobso 1260, Case 195 16 GB 18 1 3/8 x 18" Cone Wire Hose Boless 1050, HC Cub Caddor Minneurolis-Mollos, Ford, Jacobso 1260, Case 195 16 GB 40 1 3/8 x 18" Cone Wire Hose Boless 1250, Case 195 17 MK 17 2 1/4" Lock Washer 17 Lock Washer 18 4 MK 1 2 1/4" Lock Washer 19 5 J 44 1 Volve			2	3/8" Lock Washer
12 12 NC 8 A 1 374 NC 8 A 1 374 NC 8 A 1 374 NC 8 A 1 12 NC 8 A 12 NC 8 NC 9 NC 9			2	3/8" Hex Nut
13 12 N.C 8 A 1 3/4 x 1/2" Reducing EII 13/4" (Cose Nipple II 14 10/43 A 1 Screan 15 G			2	1/2" Barbed Insert x 3/8 MNPT
14 1049 A 1 5 6 6 8 109 1 1 1 2 2 1 7" LP, Hates 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			1	3/4 x 1/2" Reducine Ell
15 8 G 17   Screen			1	3/4" Close Nipple
16 6 GO 6 1 172.17 LP, Hade 18 x 2/6 NPSM 17 GO 9/1-18 x 2/6 NPSM 18 4 MH 32 1 2 17 4 X 2 50 se Bot 18 x 3/6 NPSM 19 4 GB 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4			1	
17 6 GM 6 1 2-control M F 97 (6-13 x 3/8 MPSM 18 x 3/8 MPSM 18 4 MH 32 2 1 7-4 x 2" Stove Bot 19 x 3/8 MPSM 19 x 3			1	
18 4 MH 32 2 Flagter MF 9 1 G 3 38 NF3W 19 4 GM 4 4 Adapter MF 7/19-20 x 1/4 NPSM 20 4 GB 16 4 Adapter MF 7/19-20 x 1/4 NPSM 10 J 16 2 Valve Handle S 6 GB 24 1 S/6 x 24" One Wire Hose-Bolens 1050, HC Cüb Cadat Wiransensis Mollies, Ford, Jacobson 6 GB 48 1 S/6 x 24" One Wire Hose-Bolens 1260, Case 195 3 S/2 x 15" One			1	Adapter MF 90° 9/16-18 x 3/8 NPSM
19 4 GM 4 4 Adaptar MF 7/18-20 x 1/4 NPSM 20			1	Adapter MF 9/16-18 x 3/8 NPSM
20 4 GB 16 4 74 K 15 One Wire Hose Bolers 1050, HC Cub Cadat Mark 16 One Wire Hose Bolers 1050, HC Cub Cadat Mark 26 GB 40 1 36 K 26 Cone Wire Hose Bolers 1050, HC Cub Cadat Mark 15 Cone Wire Hose Bolers 1260, Case 195 GB 40 1 2 K 15 Cone Wire Hose Bolers 1260, Case 195 GB 40 1 2 K 15 Cone Wire Hose Bolers 1260, Case 195 GB 40 K 15 Cone Wire Hose Bolers 1260, Case 195 GB 40 K 15 Cone Wire Hose Bolers 1260, Case 195 GB 40 K 15 Cone Wire Hose Bolers 1260, Case 195 GB 40 K 15 Cone Wire Hose Massey Ferguson, Wheel Horse 26 4 MM 1 2 K 16 Cone Wire Hose Massey Ferguson, Wheel Horse 15 Cone Wire Hose Massey Ferguson Wire Hose Mark 15 Cone Wire Hose Massey Ferguson Wheel Horse 15 Cone Wire Hose Bolers 1050, HC Cub Cadat Mark 15 Cone Wire Hose Bolers 1050, HC Cub Cadat Mark 15 Cone Wire Hose Bolers 1050, HC Cub Cadat Mark 15 Cone Wire Hose Bolers 1050, HC Cub Cadat Mark 15 Cone Wire Hose Bolers 1250, Case 195 Cone				1/4 x 2" Stove Bolt
21 DJ 16 2 Valve Handle 22 50 2 Diamond Link 23 6 GB 24 1 3/8 x 24" One Wire Hose 24 5 GB 13 1 3/8 x 24" One Wire Hose Bolens 1050, IHC Cub Cadet Minneurolis-Molline, Ford, Jacobson 3/8 x 18" One Wire Hose Bolens 1260, Case 195 24 1 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			4	Adapter MF 7/16-20 x 1/4 NPSM
22 50 2 Dismoral Link 5 GB 24 1 3/6 × 24" One Wire Hose-Bolens 1050, IHC Cüb Cadat 6 GB 48 1 5/6 × 24" One Wire Hose-Bolens 1250, IHC Cüb Cadat Windsenzolis-Molline, Ford, Jacobson 6 GB 40 11 5/6 × 15" One Wire Hose-Bolens 1250, Case 195 24 1 L 2 1 5/6 × 10" Che Wire Hose-Bolens 1250, Case 195 25 4 MK-1 2 1 1/6" Look Wester 26 4 MK-1 2 1/6" Look Wester 27 5 J 44 1 Valva			4	
23 5 GB 24 1 3/8 x 24" One Wire Hose-Botens 1050, HC Cub Cadet Winneurollis-Molline, Fore, Jacobson 5 GB 18 1 3/8 x 18" One Wire Hose-Botens 1260, Case 195 GB 40 11 3 4.43" One Wire Hose-Botens 1260, Case 195 24 1 1, 2 1 1, Mile 1, 18" Key 40" One Wire Hose-Massey Ferguson, Wheel Horse 1, Mile 1, 18" Key 40" Lock Washer 1, 14" Lock Washer 1, 15" Lock Wa			2	
5   St. 18   1   St. 24   St	22		2	
6 GB 18 1 3/3 x 15" One Wire Hose Bolens 1280, Cese 195 6 GB 40 1 3 40" Che Wire Hose Bolens 1280, Cese 195 24 1 L 2 1 7/4" / 15" Key 25 4 MK1 2 1/4" Lock Washer 26 4 MM1 2 1/4" Lock Washer 27 5 J 44 1 Valve	-	0 00 24		3/8 x 24 One Wire Hose-Bolens 1050, IHC Gub Cadet
G GB 40 1 3 4 40" Che Wire Rose Massey Ferguson, Wheel Horse 1 1 2 1 1/6" 1/8" Lock Washer 2 1 1/6" 1/8" Lock Washer 2 1/6" Lock Washer 2 1/6" Lock Washer 3 1 1/6" Hox Nut Valve		6.68.18	1	Winneapons-Wolline, Ford, Jacobson
24 1 2 1 1/2 1/8 1/8 Key 1 25 4 4 MK 1 2 1/4 Lock Washer 1 26 4 4 MJ 1 2 1/4 Lock Washer 1 27 5 J 44 1 Valve			74	375 X 10 One wire mose solens 1250, Case 195
26 4 MJ1 2 1/4" Hox Nut 27 5 J 44 1 Valve	24		1	1 /lev 1/8" May
26 4 MJ1 2 1/4" Hox Nut 27 5 J 44 1 Valve	25		2	1/4" Look Muchae
27 5 J 44 1 Volve	26		2	1/4" Hex Nut
	27	5 J 44	1	
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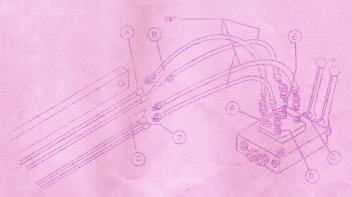


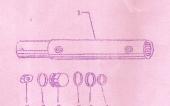
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7	0067	13
8	0062	10
9	0061	2
10	12 GP 12	2
11	1606-20	2
12	1806	2
13	4 GK 4	2
	4 GB 13-1/2	8
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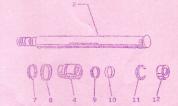
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1/4" Male Adapter
Clip Pin
1/2 x 2" Attachment Pin
1/2 x 2" Cylinder Rod Pin
Pipe Strap
Lift Cylinder return line
Lift Cylinder
1/4" Female Adapter
1/4" x 13-1/2 One Wire Hose
Indicator Tube
Indicator Rod
Indicator Clamp
5/16 x 1" Cap screw
5/16 Hex Nut

1-68-98









#### LIFT CYLINDER 1806



PART No... 1806=1 1806=2 1806=3 1806=4 12 MJ 2

1,806--5

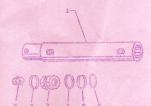
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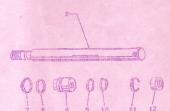
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NAME OF PART

BUTT & TUBE ASSENDENT PISTON ROD PISTON HEAD HEX NUT

CVLINDER PACKING KIT





#### THET CYLINDER 1807



PART No. 1807-1 1807-2 1807-3 1807-4 12 No. 2

1807-5

No. REQ.

2 Ker

NAME OF PART

Butt & Tube Assembly Piston Rod Piston Head Head

CYLINDER PACKING KIT

```
1. LIFT FRALE (No. 1801)
```

B. 2 Lift sylinders (No. 1806) with fitt

C. 2 filt cylinders (Fo. 1807) with fittings

E,  $6 - 1/2 \times 2-3/4$  Fine (No. 0052) and slipe

II. FIGHT FIRIGHT HOURTHY (15. 1972R) with:

A. Volve and fitting

C. Return line hose and fittings

TI. LEFT UPRIGHT IDUTING (%, 197%-1) withs pumps 5° pulley in fittings

Busket Indicator Tube, and clip

Tie Bor (No. 1975)

1 2 - Fear Axle Clamps (15. 1690)

IT. BAG of HOST

10 4 = 1/6 = 16" 1 viro 3. 8 = 1/2 = 13-1/2" luviro

TILL BUIDLE SC BOAL

A. 1 - 3/8 x 30-1/2" 1-4/20

1 31330 V=5072

1 Drive Fulley (% 1976)

1 Prouther (SOAIS)

2 1/2" hase when

1 Tube Tite Conl

4 1/4 x 1-1/4 corecreve 4 3/8 x 1-1/4 corecreve

4 1/2 x 4 capsomers

and the Book of the Manager

Figstle Hag Jith Manual

CIEN CLIEBERS

1 Weight Box (No. 1871)

2 3/8 x 1 caperness 1 5/8 hex nrs

5/3 Lockmasher