

HAY CONDITIONER AND NO. 8 OR 9 MOWER HOOK-UP AND DRIVE (FOR 540 RPM PTO)



OPERATORS MANUAL

HAY CONDITIONER AND NO. 8 OR 9
MOWER HOOK-UP AND DRIVE (FOR 540
RPM PTO)

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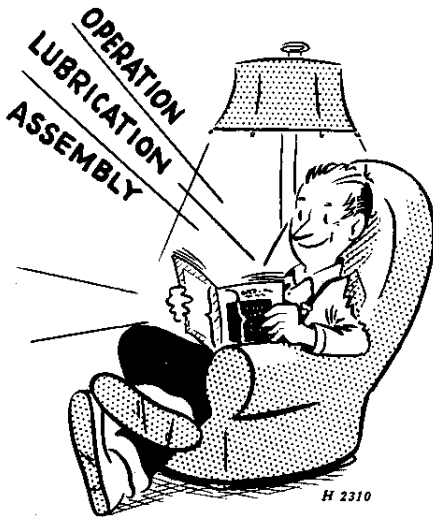
LITHO IN THE U.S.A.
ENGLISH



TO THE PURCHASER

With this new Hook-Up and Drive Equipment, the John Deere Hay Conditioner can be used with the Nos. 8, 8W, 9 and 9W Mowers. One quick trip over the field is all that's required to cut and condition your hay crop.

This manual has been carefully prepared and illustrated to provide you with the necessary information to hook up, lubricate and operate your Hay Conditioner with a John Deere No. 8, 8W, 9 or 9W Mower to best advantage.



STUDY THIS MANUAL CAREFULLY AND KEEP IT HANDY IN A SAFE PLACE FOR FUTURE REFERENCE.

If you should find that you require information not covered in this manual, consult your John Deere dealer. He will be glad to answer any question that may arise regarding the operation and service of this drive equipment. Your John Deere dealer has trained mechanics who are kept informed on the best John Deere service methods and will render you prompt service if needed.

Should this equipment require replacement parts, go to your John Deere dealer where you will receive Genuine John Deere parts—accept no substitutes.

John Deere parts fit properly and insure satisfactory service because they are made from the original patterns and from the same material as used in new machines.

LOCATION REFERENCE

“Right-hand” and “left-hand” sides are determined by facing in the direction the attachment will travel when in use.

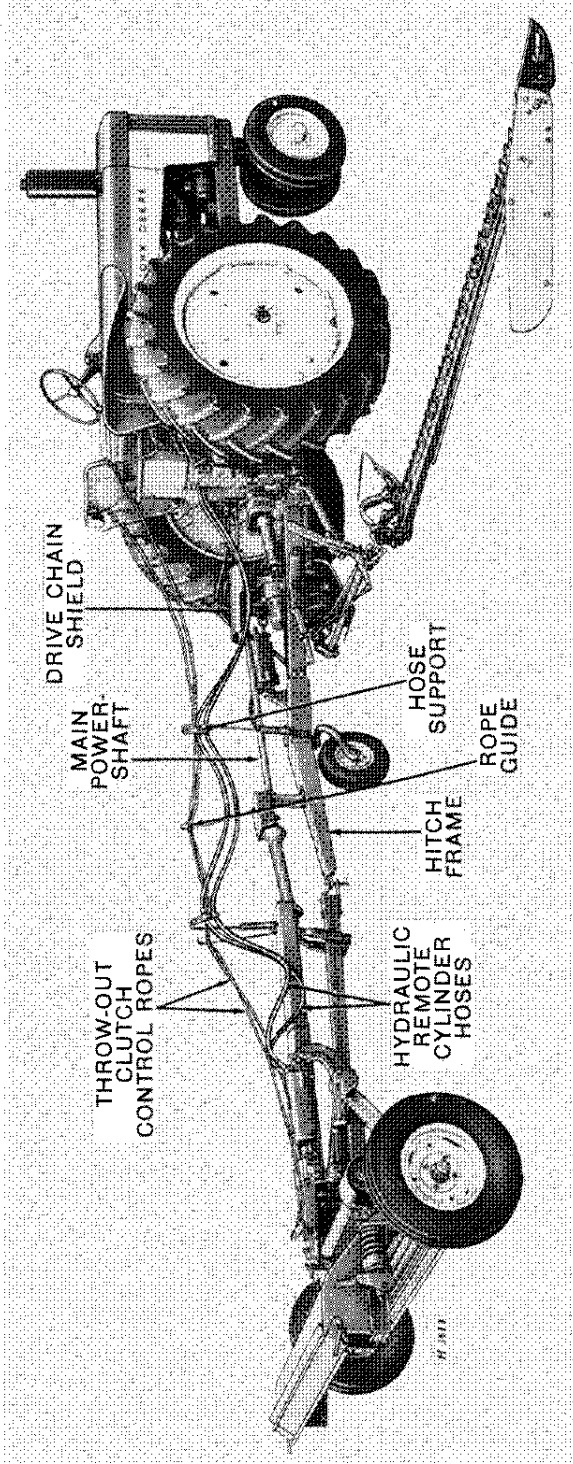
“Clockwise” refers to parts turning to the right like the hands of a clock.

“Counter-clockwise” refers to parts turning to the left.

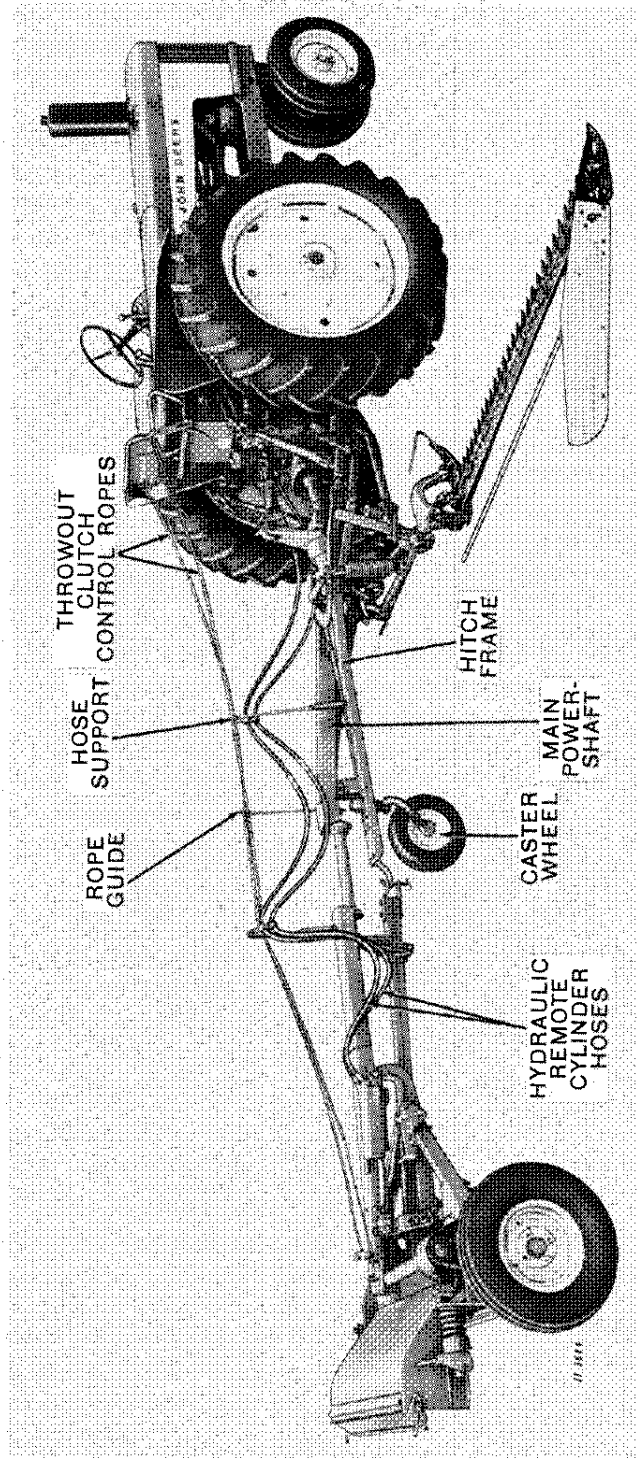
Date of Purchase.....

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John Deere Hay Conditioner with No. 8W Mower



John Deere Hay Conditioner with No. 9 Mower

OPERATION

The instructions in this manual apply only when both the hay conditioner and the mower are equipped for 540 rpm PTO operation.

The operation of the mower and hay conditioner hooked together should be no different from operation of the two implements independently of each other. The speed at which they will be operated together depends largely upon the condition of the crop.

Shorten grass board stick 12 inches to permit clearance when making a 90° turn.

CAUTION: Reduce speed at corners. Do not make a sharp turn, of more than 90°, either to the right or left. Should mower or hay conditioner become clogged at corners, straighten out powershaft before attempting to clean out.

IMPORTANT: Before operating Hay Conditioner with a No. 8 or a No. 8W Mower inflate caster wheel tire to 40 pounds pressure.



SAFETY SUGGESTIONS



Investigation of thousands of farm machinery accidents shows that careless use of farm machinery causes nearly 1/3 of all farm accidents. You can make your farm a safer place to live and work if you observe these safety suggestions. Study them carefully and insist that they be followed by those working with you and for you.

Machinery should be operated only by responsible persons who have been delegated to do so.

Clothing worn by operator should be fairly tight and belted. Loose jackets, skirts, shirts, or sleeves should never be worn because of the danger of getting into moving parts.

Be sure powershaft shields are in place and in good condition.

Make sure everyone is clear of machinery before starting so no one can be struck by moving parts.

Don't allow anyone to stand behind the hay conditioner while it is running.

Never clean, oil, or adjust either the mower or hay conditioner with the tractor engine running.

When transporting on a highway, keep as far to the right as possible. Hang a red flag prominently on the rear of the hay conditioner when transporting during the day. Never transport at night unless the tractor is equipped with lights in good working condition. When transporting on a public road at night or during other periods of low visibility, use a warning lamp on the tractor.

Keep a first-aid kit handy for use in case of accident. Apply proper antiseptics to cuts and scratches without delay, to prevent the possibility of infection.

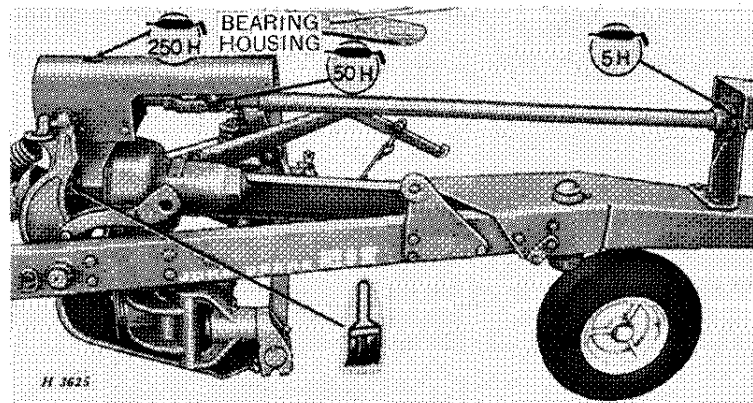
LUBRICATION

The economical and efficient operation of any machine or equipment is dependent upon regular and proper lubrication. Neglect leads to reduced efficiency, heavy draft, wear, breakdown, and replacement of parts.

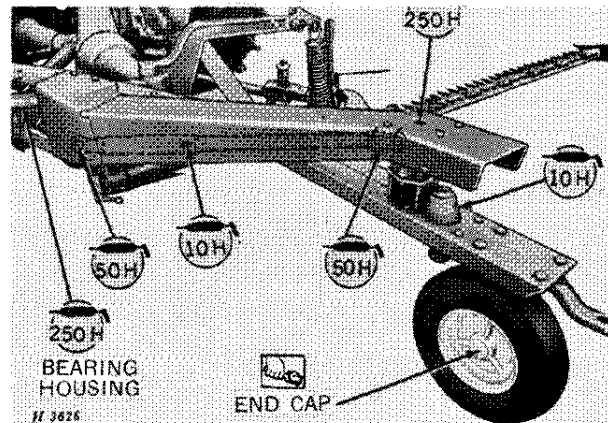
Lubricate the Nos. 8, 8W, 9 and 9W Mowers and the Hay Conditioner

as instructed in the Operator's Manuals furnished with those machines.

Wipe dirt from grease fittings and nozzle of grease gun before greasing. Use SAE multipurpose grease in grease gun. Grease each fitting periodically, as specified. Replace all missing grease fittings immediately.



Hookup and Drive for No. 8W Mower



Hookup and Drive for No. 9W Mower

SYMBOLS



Grease every 5 hours of operation.



Grease every 10 hours of operation.



Grease every 50 hours of operation.



Grease every 250 hours of operation.



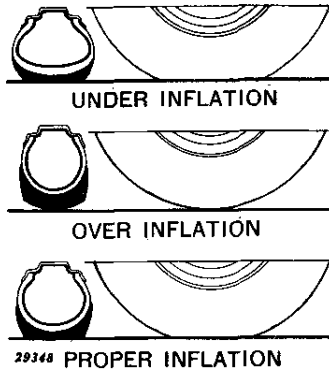
Brush chain with SAE 20 engine oil periodically. Do not lubricate chain in dusty or sandy conditions.



Hand-pack every 250 hours of operation with SAE multipurpose grease.

ADJUSTMENT AND SERVICE

CARE OF PNEUMATIC TIRES



Proper inflation is essential to the long life of a tire. The proper pressure for the 4.00 x 8, 4-ply rated tire on the caster wheel of your No. 9 or No. 9W Hitch Frame is 24 pounds. Lack of pressure allows the tire to slip on the rim, and buckles the side walls, resulting in torn valve stems and uneven tread wear. Too much pressure causes undue strain on tire.

Keep valve cap screwed onto valve stem, finger-tight. This will prevent dirt from getting into the valve core and will assure the sealing of the compressed air in the tube.

Avoid stumps, stones, deep ruts, and other tire hazards. When season is over, store in a dark place and jack up the hitch frame to take load off tire or remove caster wheel. **Do not deflate tire.**



be careful.....
avoid accidents

ASSEMBLY

SHIPPING PACKAGES

ATTACHING HAY CONDITIONER TO No. 8 OR No. 8W MOWERS

| Description | No. 8 Mower | No. 8W Mower |
|---|-------------|--------------|
| Drive Chain Shield..... | H24913H | H24913H |
| Front Drive Shaft with Sprocket, Etc., for Hay Conditioner..... | BH50220H | BH50220H |
| Bearing Support..... | BH50221H | BH50222H |
| Rear Universal Shield for Hay Conditioner, Prior to Serial No. 20501..... | AH12365H | AH12365H |
| Rear Universal Shield for Hay Conditioner, Serial No. 20501 and Up..... | AH13619H | AH13619H |
| Hitch Frame..... | AH12361H | AH13646H |
| Main Drive Shaft with Joint and Shield Tube..... | BH50197H | BH50197H |

If Hay Conditioner Is Equipped with Hydraulic Remote Cylinder, Order:

BH50003H Hydraulic Hoses and Couplings for all John Deere Tractors
or
Except 3010 and 4010

BH50291H Hydraulic Hoses and Couplings for John Deere 3010 and 4010
with

BH50004H Hydraulic Hose Support

If Hay Conditioner Is Equipped with Throw-Out Clutch, Order:

BH50148H Throw-Out Rope and Guide

TRACTOR HOOKUP SHIPPING PACKAGES

No. 8 AND No. 8W MOWERS

| Tractor | Extension Drawbar | Shielded Powershaft (Prior to Serial No. 8-20501) | Shielded Powershaft (Serial No. 8-20501 and Up) | Optional Cutter Bar Lift Equipment Choose One* | Miscellaneous |
|---|-------------------|---|---|--|--|
| John Deere 1010 Single Row-Crop | BH10036H | BH50008H | BH50110H | 106, 111 or 112 | |
| John Deere 1010 Utility Equipped with 14.9-24 Tires | A2348H | BH50008H | BH50110H | 106, 111 or 112 | Two Z9585H Extension Drawbar Filler Plates |
| John Deere 2010 Row-Crop and Row-Crop Utility | BH50249H | BH50008H | BH50110H | 106, 111 or 112 | |

*OPTIONAL CUTTER BAR LIFT EQUIPMENT

| | |
|--|---|
| 106 (BH50076H Hydraulic Remote Cylinder Adapting Parts 14903HH Hydraulic Remote Cylinder Hose Support | 111 BH50070H Hand Lift Parts 112 BH50251H Rockshaft Lift Parts |
|--|---|

TRACTOR HOOKUP SHIPPING PACKAGES—Continued
No. 8 AND No. 8W MOWERS

| Tractor | Extension Drawbar | Shielded Powershaft (Prior to Serial No. 8-20501) | Shielded Powershaft (Serial No. 8-20501 and Up) | Optional Cutter Bar Lift Equipment Choose One* | Miscellaneous |
|--|-------------------|---|---|--|--|
| John Deere 420 Standard, Serial No. 100,001 and Up; 430 Standard, 330 Standard, and 320 Standard | BH10036H | BH50008H | BH50110H | 106, 108, or 111 | |
| John Deere 420 Standard Prior to Serial No. 100,000 and 40 Standard | A2347HH | BH50008H | BH50110H | 106, 108, or 111 | |
| John Deere 430 Tricycle, 420 Tricycle, and 40 Tricycle | A2346HH | BH50008H | BH50110H | 106, 108, or 111 | |
| John Deere 435 Diesel; 430 Row-Crop Utility, 420 Row-Crop Utility, and 40 Two-Row Utility | A2348HH | BH50008H | BH50110H | 106, 108, or 111 | |
| John Deere 430 Utility, 420 Utility, 40 Utility, 330 Utility, and 320 Utility | A2348HH | BH50008H | BH50110H | 106, 108, or 111 | |
| John Deere 420 Utility, Serial No. 100,001 and Up; and 430 Utility; Equipped with 11-26 or 12-26 Tires | A2348HH | BH50008H | BH50110H | 106, 108, or 111 | Two Z9385H Extension Drawbar Filler Plates |

TRACTOR HOOKUP SHIPPING PACKAGES—Continued
No. 8 AND No. 8W MOWERS

| Tractor | Extension Drawbar | Shielded Powershaft (Prior to Serial No. 8-20501) | Shielded Powershaft (Serial No. 8-20501 and Up) | Optional Cutter Bar Lift Equipment Choose One* | Miscellaneous |
|---|-------------------|---|---|--|---------------|
| John Deere 3010 Row-Crop, Row-Crop Utility, Standard, and Orchard | BH50250H | BH50007H | BH50109H | 106, 111, or 112 | |
| John Deere 4010 Row-Crop and Standard | BH50250H | BH50007H | BH50109H | 106, 111, or 112 | |
| John Deere 530 Tricycle, 520 Tricycle, 630 Standard, 730 Standard, 620 Standard, and 720 Standard; 630 Tricycle, and 730 Tricycle; 620 Tricycle, and 720 Tricycle without 3-Point Hitch | A2314HH | BH50007H | BH50109H | 106, 110, or 111 | |
| John Deere 630 Standard, 730 Standard, 620 Standard, and 720 Standard; 530 Tricycle, 630 Tricycle, 730 Tricycle, 520 Tricycle, 620 Tricycle, and 720 Tricycle with 3-Point Hitch | BH50053H | BH50007H | BH50109H | 106, 110, or 111 | |

***OPTIONAL CUTTER BAR LIFT EQUIPMENT**

| | |
|--|------------------------------------|
| 106 (BH50076H Hydraulic Remote Cylinder Adapting Parts | 110 (BH50077H Rockshaft Lift Parts |
| 14903HH Hydraulic Remote Cylinder Hose Support | (BH10035H Rockshaft Arm Extension |
| 108 BH50077H Rockshaft Lift Parts | 111 BH50070H Hand Lift Parts |
| | 112 BH50251H Rockshaft Lift Parts |

TRACTOR HOOKUP SHIPPING PACKAGES—Continued
No. 8 AND No. 8W MOWERS

| Tractor | Extension Drawbar | Shielded Powershaft (Prior to Serial No. 8-20501) | Shielded Powershaft (Serial No. 8-20501 and Up) | Optional Cutter Bar Lift Equipment Choose One* | Miscellaneous |
|---|-------------------|---|---|--|---------------|
| John Deere 730 Standard; 730 Tricycle, 720 Standard, and 720 Tricycle with Heavy-Duty Drawbar | A2409HH | BH50008H | BH50110H | 106, 110, or 111 | |
| John Deere 50, 60 Standard, Serial No. 6043000 and Up, 70 Standard; 60 Tricycle, and 70 Tricycle; with Direct Engine Driven PTO | A2314HH | BH50007H | BH50109H | 106, 109, or 111 | |
| John Deere 70 Standard, and 70 Tricycle with Transmission Driven and Direct Engine Driven PTO, and Heavy-Duty Drawbar | A2409HH | BH50008H | BH50110H | 106, 109, or 111 | |
| John Deere 50, 60 Standard Serial No. 6043000 and Up, 70 Standard; 60 Tricycle, and 70 Tricycle; with Transmission Driven PTO | A2254HH | BH50007H | BH50109H | 106, 109, or 111 | |

TRACTOR HOOKUP SHIPPING PACKAGES—Continued
No. 8 AND No. 8W MOWERS

| Tractor | Extension Drawbar | Shielded Powershaft (Prior to Serial No. 8-20501) | Shielded Powershaft (Serial No. 8-20501 and Up) | Optional Cutter Bar Lift Equipment Choose One* | Miscellaneous |
|---|-------------------|---|---|--|---------------|
| John Deere 60 Standard, Prior to Serial No. 6043000; and 60 Orchard | A2324HH | BH50008H | BH50110H | 106 or 111 | |
| John Deere A, AN, and AW, Serial No. 561902 and Up; B, BN, and BW, Serial No. 186134 and Up, G, Serial No. 43352 and Up | A2254HH | BH50007H | BH50110H | 106, 109, or 111 | |
| John Deere AR and AO, Serial No. 272670 and Up | AZ3536H | BH50009H | BH50111H | 106, 109, or 111 | |
| John Deere R | A2259HH | BH50009H | BH50111H | 106 or 111 | |

***OPTIONAL CUTTER BAR LIFT EQUIPMENT**

| | | | |
|-----|---|-----|----------------------------------|
| 106 | BH50076H Hydraulic Remote Cylinder Adapting Parts | 109 | BH50077H Rockshaft Lift Parts |
| | 14903HH Hydraulic Remote Cylinder Hose Support | | A2345HH Rockshaft Lift Arm |
| 108 | BH50077H Rockshaft Lift Parts | 110 | BH50077H Rockshaft Lift Parts |
| | | | BH10035H Rockshaft Arm Extension |
| | | 111 | BH50070H Hand Lift Parts |
| | | 112 | BH50251H Rockshaft Lift Parts |

TRACTOR HOOKUP SHIPPING PACKAGES—Continued
No. 8 AND No. 8W MOWERS

| Tractor | Extension Drawbar | Shielded Powershaft (Prior to Serial No. 8-20501) | Shielded Powershaft (Serial No. 8-20501 and Up) | Optional Cutter Bar Lift Equipment Choose One* | Miscellaneous |
|--|-------------------|---|---|--|--------------------------------------|
| Farmall H, Serial No. 118,000 and Up; M and MD, Serial No. 59,956 and Up; Super H, Super M, Super MD, Super M-TA, 300, 350, 400, and 450 | A2409HH | BH50009H | BH50111H | 106 or 111 | |
| Allis-Chalmers CA without Snap Coupler | A2310HH | BH50008H | BH50110H | 106 or 111 | |
| Allis-Chalmers WD and WD-45 | A2357HH | BH50008H | BH50110H | 106 or 111 | |
| Allis-Chalmers D14 and D17 | BH50151H | BH50008H | BH50010H | 106, 108, or 111 | |
| Fordson Major Diesel | A2362HH | BH50009H | BH50111H | 106, 108, or 111 | |
| Cockshutt 30 | A2362HH | BH50009H | BH50111H | 106 or 111 | A2363HH (Bag of Miscellaneous Parts) |
| Cockshutt 40 and 50 | A2362HH | BH50007H | BH50109H | 106 or 111 | |
| Minneapolis-Moline 445 Universal | A2362HH | BH50009H | BH50111H | 106, 108, or 111 | |
| Oliver 66, 77, or 88 | A2315HH | BH50009H | BH50111H | 106 or 111 | |

***OPTIONAL CUTTER BAR LIFT EQUIPMENT**

| | | | |
|-----|---|-----|-------------------------------|
| 106 | BH50076H Hydraulic Remote Cylinder Adapting Parts 14903HH Hydraulic Remote Cylinder Hose Support | 108 | BH50077H Rockshaft Lift Parts |
| | | 111 | BH50070H Hand Lift Parts |

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