216
Finger Wheel
Rake

OPERATOR’S AND
SERVICE PARTS MANUAL
GEHL Company (Incorporated), hereinafter referred to as GEHL, as manufacturer of quality machinery since 1859, warrants new GEHL machinery and/or attachments at the time of delivery to the original purchaser to be free from defects in material and workmanship if properly set up and operated in accordance with the recommendations set forth in GEHL’s Operator Manual.

GEHL’s liability for any defect with respect to accepted goods shall be limited to repairing the goods at an authorized GEHL dealer or other GEHL designated location, or replacing them, as GEHL shall elect. The above shall be in accordance with GEHL warranty adjustment policies. GEHL’s obligation shall terminate twelve (12) months after the delivery of the goods to the original user or when the equipment is first put into use.

This warranty shall not apply to any machine or attachment which shall have been repaired or altered outside the GEHL factory or authorized GEHL dealership or in any way so as in GEHL’s judgment, to affect its stability or reliability, nor which has been subject to misuse, negligence or accident, nor to any machine or attachment which shall not have been operated in accordance with GEHL’s printed instructions or beyond the Company recommended machine rated capacity.

This warranty shall not be limited to items which are subject to the warranties of their respective manufacturers. Such items would include but would not be limited to engines, clutches, universal joints, knives, hydraulic components, bearings, tires, belts and other trade accessories.

EXCLUSION OF WARRANTIES

Except as otherwise expressly stated herein, GEHL makes no representation or warranty of any kind, express or implied, AND MAKES NO WARRANTY OF MERCHANTABILITY IN RESPECT TO ITS MACHINERY AND/OR ATTACHMENTS AND MAKES NO WARRANTY THAT ITS MACHINERY AND/OR ATTACHMENTS ARE FIT FOR ANY PARTICULAR PURPOSE. GEHL shall not be liable for incidental or consequential damages for any breach of warranty, including but not limited to inconvenience, rental or replacement equipment, loss of profits or other commercial loss. GEHL shall not be liable for, and the buyer assumes all liability for, all personal injury and property damage resulting from the handling, possession or use of the goods by the buyer.

No agent, employee or representative of GEHL has any authority to bind GEHL to any affirmation, representation or warranty concerning its machinery and/or attachments except as specifically set forth herein.
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CHAPTER 1

INTRODUCTION

Your decision to purchase this piece of GEHL equipment was a good one. We are sure that your decision was strongly considered and that you are looking forward to many seasons of reliable performance from this machine.

We, as a Company, have invested a great deal of time and effort in developing our lines of agricultural and industrial equipment. The equipment you have purchased is built with a great deal of pride and designed to give you long life, efficient operation, durability and dependability. We ask that you study this manual carefully and familiarize yourself with the unit prior to using it; especially the information on safe operation contained in the SAFETY chapter. The information, contained within, was prepared for your assistance in preparing, adjusting, maintaining and servicing your machine. More importantly, this manual provides an operating plan for safe and proper use of your machine. Refer to the Table of Contents for an outline of this manual.

Modern machinery has become more sophisticated and with that in mind, GEHL Company asks that you read and understand the contents of this manual COMPLETELY and become familiar with your new machine, BEFORE you attempt to operate it. Furthermore, we recommend if this machine is resold that this Manual accompany the unit.

Typical Model & Serial No. Plate

MODEL NO.
WR216

SERIAL NO.
(Fill In)

GEHL COMPANY
WEST BEND, WIS. 53095 U.S.A.

"Right" and "Left" are determined from a position standing behind the Rake and facing the direction of travel.

Our wide Dealership network stands by to provide any assistance required, including genuine GEHL service parts. All parts should be obtained from or ordered through your GEHL Dealer. Give complete information about the part as well as the model number and serial numbers of your machine. Record numbers, in the spaces provided as a handy record for quick reference.

GEHL Company reserves the right to make changes or improvements in the design or construction of any part without incurring the obligation to install such changes on any unit previously delivered.

Throughout this manual, information is provided which is set in bold type and introduced by the word NOTE. BE SURE to read carefully and comply with the message or directive given. Following this information will improve your operating or maintenance efficiency, help you to avoid costly breakdowns or unnecessary damage and, extend your machine's life.

The GEHL Company, in cooperation with the Farm and Industrial Equipment Institute and the American Society of Agricultural Engineers, has adopted this SAFETY ALERT SYMBOL to pinpoint characteristics which, if NOT properly followed, can create a safety hazard. When you see this symbol in this manual or on the unit itself, you are reminded to BE ALERT! Your personal safety is involved!
CHAPTER 2
SPECIFICATIONS
(All Dimensions are in Inches (Millimeters) Unless Otherwise Noted)

Model & Description ......................................................... WR216 Wheel Rake
Working Width (Adjustable) .................................................. 78 to 115 (1980 to 2920)
Transport Width ............................................................... 89 (2260)
Finger Wheel Diameter ....................................................... 55-1/8 (1400)
Number of Finger Wheels .................................................... Six
Number of Tines per Finger Wheel ......................................... Forty
Unit Weight (Approximate) .................................................. 935 lb (425 kg)
Tire Size ........................................................................... 5.00 x 15
Minimum Power Required .................................................... 30 hp (22.3 kw)
Operating Speed ................................................................. Up to 14 mph (9 kmh)
CHAPTER 3

CHECKLISTS

PRE-DELIVERY

After the Finger Wheel Rake has been completely set-up, the following inspections should be made before delivering it to the Customer. Check off each item after prescribed action is taken.

Check that:

___ NO parts of the unit have been damaged in shipment. Check for such things as dents and loose or missing parts; correct or replace components as required.

___ Finger Wheel Rake has been completely and properly set-up according to the details in this manual

___ All fasteners are in place and tightly secured.

___ Hydraulic Cylinder, Hose and Fittings are NOT damaged, leaking or loosely connected.

___ All Grease Fittings and pivoting points have been properly lubricated; see Lubrication information in Maintenance & Service chapter of this manual.

___ Serial Number of this unit are recorded on this page and page 2.


Dealership's Name

Dealer Representative's Signature

Date Checklist Filled-out

Serial Number

DELIVERY

The following Checklist is an important reminder of valuable information that MUST be passed on to the Customer at the time the unit is delivered. Check off each item as you explain it to the Customer.

___ Give the Operator's & Service Parts Manual to the Customer. Instruct Customer to BE SURE to read and completely understand its contents BEFORE operating the unit.

___ Explain and review with Customer the SAFETY information in this manual.

___ Explain the function and demonstrate the use of the Transport Lock Bar for the Hydraulic Lift Cylinder.

___ Completely fill out the Owner's Registration, including Customer's signature, and return to the GEHL Company.

I acknowledge that above points were reviewed with me at the time of delivery.

________________________________________
Customer's Signature

________________________________________
Date Delivered

(Dealer's File Copy)
INTENTIONALLY BLANK
(To be removed as Dealer's File Copy)
CHAPTER 3

CHECKLISTS

PRE-DELIVERY

After the Finger Wheel Rake has been completely set-up, the following inspections should be made before delivering it to the Customer. Check off each item after prescribed action is taken.

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___ All Grease Fittings and pivoting points have been properly lubricated; see Lubrication information in Maintenance & Service chapter of this manual.

___ Serial Number of this unit are recorded on this page and page 2.

Dealership's Name

Dealer Representative's Signature

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___ Explain the function and demonstrate the use of the Transport Lock Bar for the Hydraulic Lift Cylinder.

___ Completely fill out the Owner’s Registration, including Customer’s signature, and return to the GEHL Company.

I acknowledge that above points were reviewed with me at the time of delivery.

__________________________
Customer’s Signature

__________________________
Date Delivered

(Pages 5 and 6 Have Been Removed At Perforation)
BEFORE ATTEMPTING TO OPERATE THIS EQUIPMENT, READ AND STUDY THE FOLLOWING SAFETY INFORMATION. IN ADDITION, ALWAYS MAKE SURE THAT EVERY INDIVIDUAL WHO OPERATES OR WORKS WITH THIS EQUIPMENT IS FAMILIAR WITH THESE SAFETY PRECAUTIONS.

GEHL Company always takes the operators and their safety into consideration when designing its machinery and guards exposed, moving parts for their protection; some areas, however, cannot be guarded or shielded in order to assure proper operation. In addition, the operator's manual and decals on the machine itself warn of further danger and MUST be read and observed closely.

The safety alert symbol means ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED! It stresses an attitude of "HEADS UP" for safety and it will be found throughout this manual and on the machine itself.

Remember: The careful operator is the best operator. Most accidents are caused by human error. Certain precautions must be observed to prevent the possibility of injury or damage.

The words CAUTION, WARNING and DANGER, used herein and on the machine itself, signal three degrees of hazard. CAUTION is used for a general reminder of good safety practices or to direct attention to unsafe practices. WARNING is used to denote a specific potential hazard. DANGER is used to denote the most serious specific potential hazard.

Please read the rules listed below for safe operation BEFORE you operate this equipment.

MANDATORY SAFETY SHUTDOWN PROCEDURE

Work of any type on machinery is always more dangerous when the machine is operating. Therefore, unless otherwise expressly instructed to the contrary, BEFORE cleaning, adjusting, lubricating or servicing this machine, the following MANDATORY SAFETY SHUTDOWN PROCEDURE should ALWAYS be followed:

Shut the tractor engine off and remove the ignition key and take it with you before leaving the tractor seat to remedy the problem. BE SURE that tractor transmission is in "park" and/or lock the brakes.

Only when you have taken these precautions can you be sure it is safe to proceed. Failure to follow the above procedure could lead to death or serious bodily injury!

BEFORE transporting the Wheel Rake on a public highway, take the time necessary to place the Rake in the "Transport" position!

The Company does NOT sell replacement Tires. In addition, Tire mounting, service or inflation can be dangerous! Whenever possible, trained personnel should be called upon to service and/or mount Tires, following the Tire manufacturer's instructions. If you do NOT have such instructions, contact your tire dealer or the Company. In any event, follow the safety precautions described in the Maintenance & Service chapter!

ALWAYS follow state and local regulations regarding use of a safety chain and auxiliary lighting when towing farm equipment on a public highway! A safety chain should always be used to retain the connection between the towing and towed machines, in the event of separation of the primary attaching system! BE SURE to check with local law enforcement agencies for your own particular regulations. ALWAYS use a locking hitch pin for securing the implement drawbar to the tractor drawbar!

Wheel Rake operation is a function of the travel of the tractor; to STOP the Rake, STOP the tractor!

The operator MUST be seated on the tractor seat at all times while operating this machine!

BE SURE to review and comply with ALL Safety recommendations set forth in tractor operator's manual!
ALWAYS wear Safety Glasses with Side Shields when striking metal. In addition, it is recommended that a softer (non-chipable material) be used to cushion the blow. Failure to heed could result in serious injury to the eye(s) or other part(s) of the body.

NEVER use your hands to search for hydraulic fluid leaks; use a piece of cardboard. Escaping fluid under pressure can be invisible and can penetrate the skin and cause a serious injury! If any fluid is injected into your skin, see a doctor at once! Injected fluid MUST BE surgically removed by a doctor familiar with this type of injury or gangrene may result!

Do NOT allow minors to operate or be near this machine unless properly supervised!

Do NOT wear loose or baggy clothing when operating this machine!

Do NOT perform work under the rake unless first engaging the Transport Bar to lock the cylinder in place.

REMEMBER! It is the owner’s responsibility for communicating information on the safe use and proper maintenance of this machine!
CHAPTER 5

OPERATION

CAUTION: BEFORE starting the tractor engine and operating the Finger Wheel Rake for the first time, review and comply with ALL SAFETY recommendations set forth in the SAFETY chapter of this manual.

EMERGENCY SHUTDOWN

In an emergency or in case material or a foreign object becomes lodged in or between the Finger Wheels, stop Rake operation IMMEDIATELY by stopping tractor forward movement.

CAUTION: Following the MANDATORY SAFETY SHUTDOWN PROCEDURE, shut the tractor engine off and remove the ignition key and take it with you before leaving the tractor seat to remedy the problem.

GENERAL INFORMATION (Fig. 5-1)

The G E H L 216 Finger Wheel Rake is a trail-behind ground-driven Rake suitable for raking hay, straw, grass, etc. It features inflated rubber Tires mounted in the middle of the Main Frame. Three Finger Wheel assemblies are provided ahead of and behind the Tires to maintain proper balance. Through appropriate positioning of the Drawbar Width Adjustment Rod and both Wheels Axles, the operating width of the Rake can be adjusted from 78 to 115" (1980 to 2920 mm).

As a trail-behind Rake, the model 216 is ideal for particular field conditions where obstacles, such as trees, may be encountered. The Rake continues to turnout regular windrows, even through the curves and around obstacles.

MOUNTING TO TRACTOR (Fig. 5-2)

It is advisable to attach the 216 Rake to the swinging hitch drawbar of the tractor with a locking hitch pin at a height of 16" (405 mm) from the ground. For tractors that do NOT have a swinging hitch drawbar, the Rake Drawbar can be hooked onto the tractor 3-point linkage drawbar in the same manner, provided it is stabilized from moving sideways. Fix the height of the 3-point linkage drawbar with the tractor’s hydraulic control lever stop, as applicable. After the Drawbar is connected, plug the Hydraulic Lift Control Cylinder Hose Quick Disconnect into an appropriate remote outlet on the tractor.

Proceed to adjust the Rake width, following details in the Adjustments chapter or place the Rake in the Transport position, for highway travel, following details under the next topic.

TRANSPORTING (Figs. 5-2, 5-3 & 5-4 & see Fig. 5-1)

CAUTION: BEFORE transporting the Rake over a public highway, make sure that the Rake is attached to the tractor with a locking hitch pin and that the Finger Wheels are raised to the transport position and that the Lift System is locked in the Transport position.
For transporting the Rake on a public highway, first bring the Finger Wheels to their maximum raised position by fully retracting the Hydraulic Lift Cylinder. Then, install the Transport Bar over the Cylinder Rod Pin and secure it with the Lock Pin. Next, reposition the Width Adjustment Rod to adjust the Drawbar to the Transport position and lock it in this position. Then, readjust the Wheel Axles to their Transport positions.

**CAUTION:** When desired or where required, a safety chain should also be obtained and used as a secondary coupling between the tractor and Rake Drawbar. Use only a steel chain. Do NOT use a nylon strap.

**RAKE OPERATION (Figs. 5-4 thru 5-11)**

The 216 Finger Wheels will rotate to the right (clockwise) and the crop will traverse from right to left. Finger Wheel pressure on the ground is most important to achieving clean raking. If too much pressure is applied against the ground, unnecessary dirt and trash will be brought into the windrow. Although the Rake has a considerably large working width, when working in grass or hay, it is recommended that the windrow is made NO larger than the pickup capacity of the baler or harvester. In straw or other light crops, the maximum width can be utilized.

The most satisfactory method for starting to rake a crop is to start in the middle of the field and then to turn around to the left. To make the first windrow, place both Wheels of the Rake in their hole positions closest to Transport and the Drawbar in the second hole position from Transport. After the first pass, raise the Finger Wheels. Turn around to the left and lower the Finger Wheels. Then, rake the second and first pass into one windrow. After this pass is made, another space will be opened. For the subsequent windrows, set the Rake to a wider operating width and continue raking the field. At the end, rake the headlands.

**NOTE:** If the hay crop has been cut and conditioned with a Mower Conditioner, the Rake should be initially set to maximum raking width.
Fig. 5-5: Left Wheel Position Detail

Left Wheel
(See Detail)

Fig. 5-6

Fig. 5-7: Rake Wheels & Drawbar Adjusted for Widest Operating Width

Transport Hole

Right Wheel Position Detail

Transport Hole

Maximum Width Hole

Right Wheel
(See Detail)

Left Wheel Position Detail

Maximum Width Hole

Left Wheel
(See Detail)

Drawbar Maximum Rake Width Position
Fig. 5-8

Fig. 5-9: Non-conditioned Cut Crop Raking Pattern

Fig. 5-10: Raking Conditioned Crop

Fig. 5-11: Conditioned Crop Raking Pattern
CHAPTER 6

ADJUSTMENTS

CAUTION: BEFORE proceeding to make any adjustments on the Finger Wheel Rake, BE SURE to follow the MANDATORY SAFETY SHUTDOWN PROCEDURE and to place the tractor transmission in park and/or lock the brakes, to shut off the engine and, remove the ignition key and take it with you BEFORE leaving the tractor seat.

GROUND PRESSURE (Fig. 6-1)

NOTE: Proper Finger Wheel pressure on the ground is an important factor for achieving clean raking. Too much pressure will cause undue stress on the Finger Wheel Tines and cause unnecessary dirt and trash to be brought into the windrow.

Fig. 6-1

The Hydraulic Lift Cylinder is used to move the Finger Wheels from their Transport to the Operating position. Finger Wheel ground pressure is adjusted by means of Turnbuckle Links connected to the Lift Chains. Adjusting the Turnbuckle, to shorten it, reduces the ground pressure. Making the Turnbuckle longer increases the ground pressure. If the desired pressure can NOT be achieved by adjusting the Turnbuckle, select a different Chain Link anchor point and repeat the Turnbuckle adjustment process. While raking, the ground pressure is correct if the crop is raked away cleanly. Too great a ground pressure will tend to distort the windrow, cause dirt to get into the crop and cause undue Tooth wear.

WORKING WIDTH (Figs. 6-2 & 6-3)

The working width of the Rake is established by first adjusting the position of the Drawbar, with respect to the tractor, and also by setting the positions of both Wheels. For transporting the Rake, the Main Frame should be linked to the Drawbar in one of the two hole positions closest to the Main Frame. Likewise, for transporting, both Wheels should be set in respective hole positions that place both Wheels as close as possible to parallel with the Front and Rear Frames. Setting the Drawbar in the hole position farthest from the Transport hole and the Wheels in the hole positions farthest from the Transport hole positions will enable the widest raking width. Six intermediate Drawbar adjustment positions and four intermediate Wheel positions are provided. Whenever the working width is adjusted, establish the required tractor position first and then, adjust the Wheels.

It is recommended that the Rake Drawbar be attached to the swinging hitch of the tractor. For optional hookup to the 3-point linkage drawbar of the tractor, the Rake can be connected in a hole farther to the right to obtain a better tractor-Rake tracking and alignment.

Fig. 6-2: Rake Wheels & Drawbar Adjusted to "Transport" Positions
Fig. 6-3: Rake Wheels & Drawbar Adjusted for Widest Operating Width
CHAPTER 7

MAINTENANCE & SERVICE

HARDWARE (Fig. 7-1)

After the first hour of operation, check all attaching hardware, especially in the areas of the Tine anchor bolts and Finger Wheel Hubs. Hardware torques should be checked on a routine basis after every 10 hours of operation.

LUBRICATION (Figs. 7-1, 7-2 & 7-3)

To maintain proper operation, all revolving parts and hinge points MUST move smoothly and be kept well lubricated.

Oil the following points at regular 10 hour intervals:

1. Drawbar Pivot
2. Lift Plate Pivot points
3. Front Frame Pivot
4. Rear Frame Pivot
5. Wheel Arm Pivots (2 Places)
6. Arm Lock Mechanisms (2 Places)

TIRES & WHEELS

CAUTION: Our Company does NOT sell replacement Tires. In addition, Tire mounting, repair and replacement should ONLY be attempted by a qualified tire manufacturer's representative or by properly trained personnel following the tire manufacturer's instruction. If you do NOT have such instructions, contact your tire dealer or the Company.

Check the Rake Tire pressure after every 50 hours of operation. Tires should be inflated to 28 PSIG (196 kPa). Wheel Bolt torques should also be checked after every 50 hours of operation and tightened with 110 ft-lb (150 Nm) torque.

WARNING: Inflating or servicing tires can be dangerous. Whenever possible, trained personnel should be called to service and/or mount tires. In addition, do NOT place fingers on tire bead during inflation; serious injury or amputation could result! In any event, to avoid possible fatal or serious injury, follow the safety precautions below:

BE SURE the rim is clean and free of rust.

Lubricate both the tire beads and rim flanges with a soap solution. Do NOT use oil or grease.

Use a clip-on tire chuck with a remote hose and gauge which allows you to stand clear of the tire while inflating it.

NEVER inflate beyond 35 PSI (240 kPa) to seat the beads. If beads have NOT seated by the time the pressure reaches 35 PSI, deflate the assembly, reposition the tire on the rim, relubricate both parts and reinflate it. Inflation pressure beyond 35 PSI with unseated beads may break the bead or rim with explosive force sufficient to cause fatal or serious injury.

After seating the beads, adjust the inflation pressure to the recommended operating pressure listed.

Do NOT weld, braze, or otherwise attempt to repair and use a damaged rim.
CHAPTER 8

SET-UP & ASSEMBLY

NOTE: These assembly procedures should be performed inside an enclosed workshop equipped with an overhead hoist to facilitate lifting some of the heavier components or otherwise another person (or persons) should be available to assist in lifting. To facilitate set-up & assembly, it is advisable that this procedure be accomplished in the manner outlined.

UNCRACTING

The Finger Wheel Rake is shipped from the factory packaged in a plywood crate. Begin setup by removing all of the components from the crate and laying them out in an orderly fashion.

RAKE ASSEMBLY (Figs. 8-1 thru 8-7)

After the components have been removed from the shipping crate, refer to the exploded-view parts illustrations, parts lists and the photographs provided and proceed as follows:

WARNING: ALWAYS wear Safety Glasses with Side Shields when striking metal. In addition, it is recommended that a softer (non-chipable material) be used to cushion the blow. Failure to heed could result in serious injury to the eye(s) or other part(s) of the body.

1. Properly orient and insert an Axle Hub into the mating socket on each side of the Main Frame. Secure each Axle with a Lock Pin and 4mm Hairpin Cotter Pin. Then, attach a Wheel and Tire assembly to each Wheel Hub with (6 each side) Lug Nuts.

2. Raise and properly support the Main Frame and Wheels, in the operating position. Then, properly orient and attach the Front and Rear Frames to the Main Frame with (1 each) M24 x 160mm Bolt and M24 Lock Nut.

3. Generously lubricate the pipes of both Wheel Arms with grease. Then, properly orient (so that the three Finger Wheel Supports angle downward) and install one Wheel Arm into the Hub of the Front Frame and the other Wheel Arm into the Hub of the Rear Frame. Secure each assembly by installing the Rake Arm Ring and an 8.8/M12 x 120 mm Cap Screw and Lock Nut. Then, engage the Latches and install Lock Pins and Hairpin Cotter Pins.

4. Properly orient and preassemble the Front Drawbar to the Rear Drawbar with (4 each) 8.8/M12 x 35mm Cap Screws and M12 Lock Nuts. Then, attach the Rear Drawbar to the Main Frame with the 8.8/M27 x 140mm Bolt and Nylon-insert Lock Nut.

5. Properly orient and attach the Width Adjustment Rod between the Main Frame and the Rear Drawbar. Secure the Rod with a 16mm Lock Pin and 4mm Hairpin Cotter Pin on one end and an M20 x 90 mm Cap Screw and Lock Nut on the other end.
6. Properly orient and attach the Lift Cylinder between the Rear Frame and the Lift Plate. Anchor the Cylinder Rod to the Lift Plate with Cylinder Rod Pin and the anchor end of the Cylinder to the Rear Frame with the Cylinder Anchor Pin and secure both Cylinder Pins with a 4mm Cotter Pin.

7. Using a Shackle on each end, properly orient and attach the one Turnbuckle and Chain assembly between the top of the Lift Plate and the closer Tab on the Front Frame.

8. Hook one of the Lift Springs into the other Tab on the Front Frame and the other Lift Spring into the Tab on the Rear Frame. Then, attach the Turnbuckles to the other ends of both Springs and anchor the Chains with Shackles to the appropriate sides of the Lift Plate.

9. Install the Hose Stand into the welded-on Hub on the Front Drawbar and secure it with a Cotter Pin. Then, route the Cylinder connection end of the Hydraulic Hose thru the Eyelet in the Hose Stand, along the Drawbar and up to the Lift Cylinder. Connect the Hose to the Lift Cylinder port using pipe sealing compound or teflon tape. After the Hose is connected, draw-back (toward the tractor connection end of the Drawbar) the extra slack and anchor the Hose to the Drawbar using the several of the Nylon Ties provided.

10. Connect the Rake to the tractor drawbar and plug the Lift Cylinder Hose into a remote outlet on the tractor.

**NOTE:** A standard ISO Male Quick Disconnect Coupler is furnished with the Rake. As required, and to match the Female Disconnect port on your particular model tractor, the appropriate Quick Disconnect coupler may have to be purchased locally.

11. Start the tractor engine and operate the remote outlet control to fully retract the Lift Cylinder. Then, shut the tractor off and install the Transport Bar over the Rod Anchor Pin and secure, thru the hole in the Lift Rod and install the Hairpin Cotter Pin to lock the Lift Cylinder in the fully retracted position and remove the weight from the cylinder.

12. Install the Hubs and Finger Wheels onto the Spindles of the Rake Arms as illustrated. Readjust the Lift Chains per details in the Adjustment chapter of this manual.
CHAPTER 9
DECAL LOCATIONS

GENERAL INFORMATION

Decal Locations information is provided to assist in the proper selection and application of new decals, in the event the original decal(s) become(s) damaged or the machine is repainted. Refer to the listing for the illustration reference number, part number, description and quantity of each decal provided in the Kit. Refer to the appropriate illustration(s) for replacement location(s).

To insure proper selection of the correct replacement decal(s), compare all of the various closeup location photographs to your machine, before starting to refinish the unit. Then, circle each pictured decal (on or otherwise applicable to your machine) while checking-off its part number in the listing. After you have verified all the decals needed for replacement, place any unnecessary decals aside for disposal.

NEW DECAL APPLICATION

Surfaces MUST be free from dirt, dust, grease and other foreign material before applying the new decal. To apply a solid-formed decal, remove the smaller portion of the decal backing paper and apply this part of the exposed adhesive backing to the clean surface while maintaining proper position and alignment. Peel the other portion of the backing paper off slowly while applying hand pressure to smooth-out decal surface.

CAUTION: ALWAYS observe Safety Rules shown on Decals. If Decal(s) become(s) damaged, or if the unit is repainted, replace the Decal(s). If repainting, BE SURE that ALL Decals from the Kit(s), which apply to your machine, are affixed to your unit.

The Decal Kit for the WR216 Finger Wheel Rake is 089265. The Kit includes the following:

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<td>Red Reflector (2 Places) - Not used on this model</td>
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<td>2. 067926</td>
<td>Amber Reflector - Not used on this model</td>
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<td>3. 075741</td>
<td>WARNING - Install Transport Latch</td>
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NOTICE

Order paint for refinishing machines from this list:

- 901225 One Gallon Blaze Paint
- 901226 One Gallon Maize Paint
- 610239 6 (12oz) Cans Blaze Spray Paint
- 610240 6 (12oz) Cans Maize Spray Paint
CHAPTER 10

SERVICE PARTS & NUMERICAL INDEX

When ordering service parts, specify the correct part number, full description, quantity required, the unit model number and serial number.

The Rake Model and Serial Number is stamped on a plate located on the Main Frame.

"Right" and "Left" are determined from a position standing behind the Rake and facing the direction of travel.

GEHL Company reserves the right to make changes or improvements in the design or construction of any part of the unit without incurring the obligation to install such changes on any unit previously delivered.

Common attaching hardware, such as Cotter Pins, Set Screws, Woodruff Keys, Screws, Nuts, etc., are included in the parts lists, indented below the part it is (they are) associated with:

DRAWBAR & WIDTH ADJUSTMENT

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*Multiply by (1.355) for metric Nm