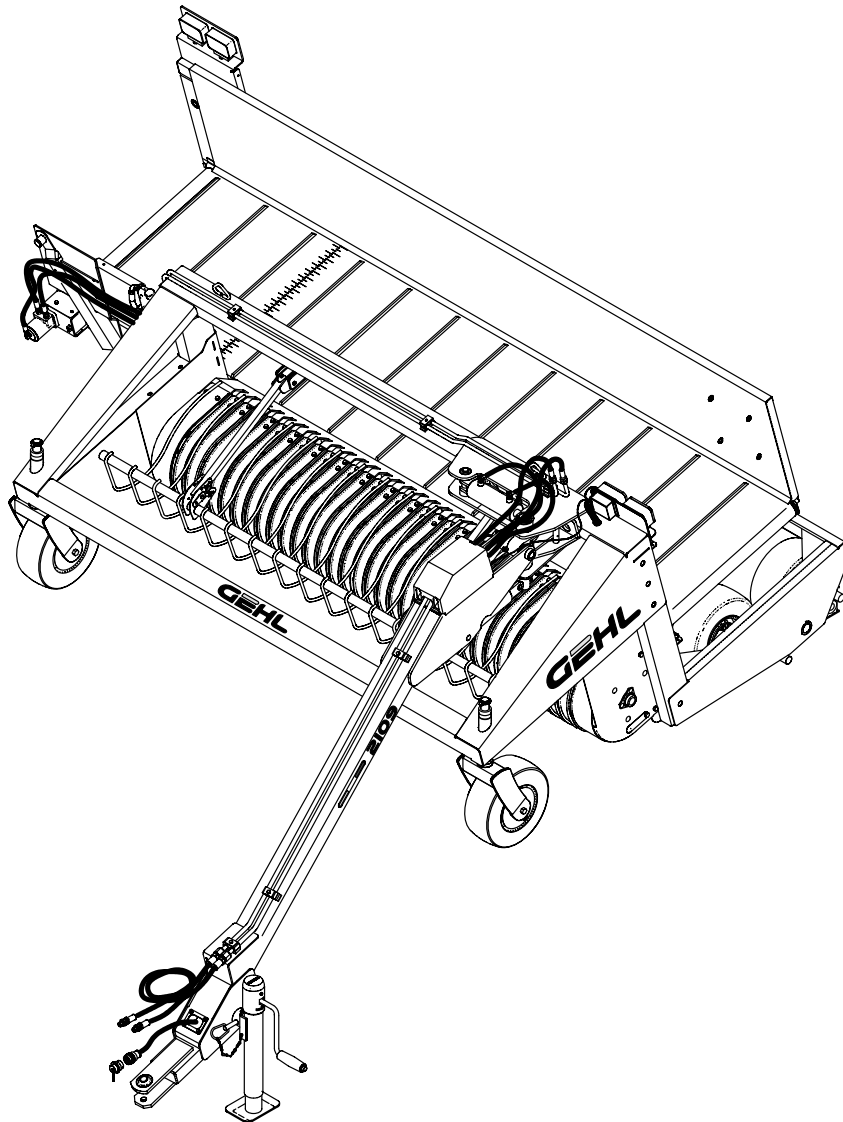


# 2109

## Windrow Merger



# OPERATOR'S MANUAL

Form No.  
918015  
Revision D

**GEHL® AGRICULTURE**

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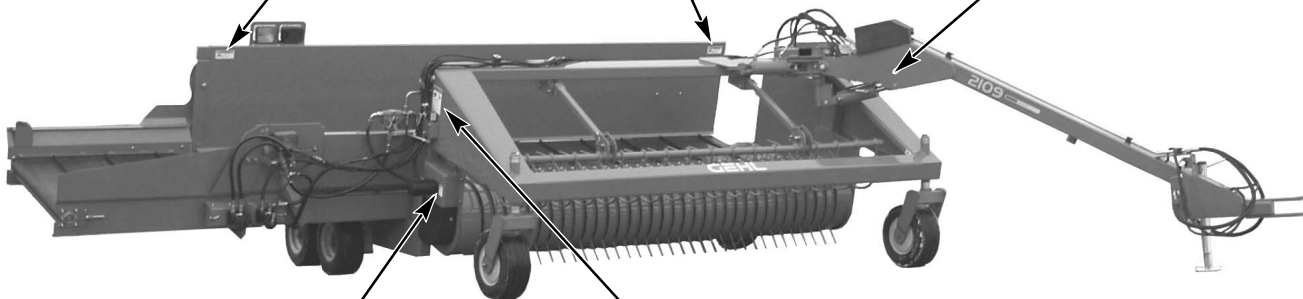
# SAFETY

(Continued)



<b>⚠ WARNING</b>	
	<b>PINCH POINT HAZARD</b>
	Keep clear when machine is running. Follow <b>MANDATORY SAFETY SHUTDOWN PROCEDURE</b> before working on machine.
124982	

<b>⚠ WARNING</b>	
<b>CRUSH HAZARD</b>	
Unit can drop due to mechanical or hydraulic failure.	
Before working on or under machine, <b>ALWAYS</b> block unit and actuate locking valves:	
170339	



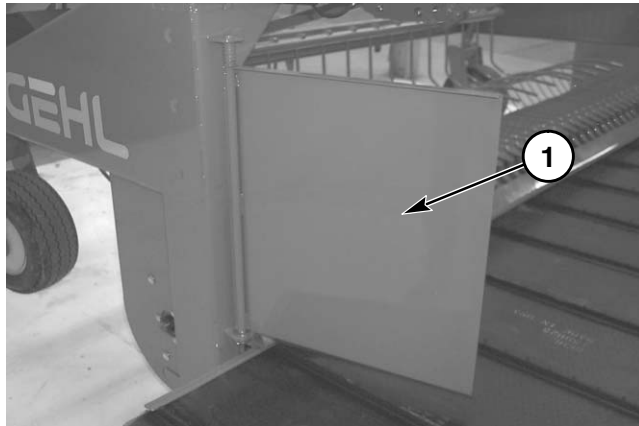
	<b>⚠ WARNING</b>
	<b>Keep hands out!</b>
	<b>Close doors and replace guards before operating.</b>
163957	

Located behind shield

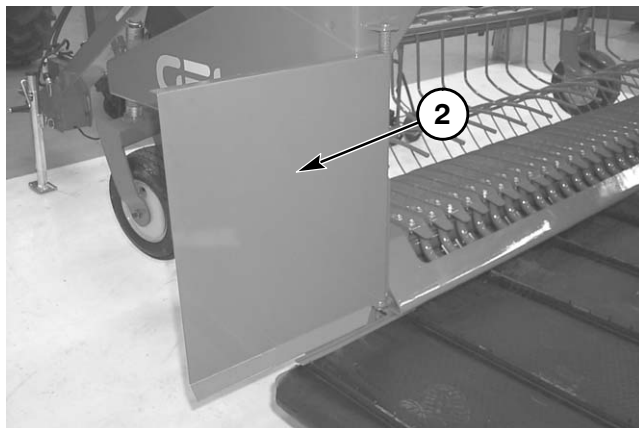
<b>⚠ WARNING</b>	
<b>KEEP HANDS OUT</b>	
<b>PRESSURIZED HYDRAULIC OIL</b>	
<ul style="list-style-type: none"> <li>• A plugged unit will retain hydraulic pressure. Components will suddenly rotate when plug is removed.</li> <li>• <b>DO NOT</b> use hands to search for hydraulic leaks. Escaping hydraulic oil under pressure can be invisible and penetrate skin. Relieve pressure before servicing.</li> </ul>	
163969	

## Conveyor Reversing (Fig. 10)

The optional conveyor reversing and shut-off valve provides all the options of the conveyor shut-off valve as well as the option to discharge material to the left side, which cannot be done with only the conveyor shut-off valve. This option can only be operated from the tractor control box. The crop deflector on the left end of the conveyor can be positioned for either left (1) or right (2) discharge by lifting the crop deflector up and moving it to the desired position.



1 - Crop deflector in the Right Discharge position



2 - Crop deflector in the Left Discharge position

Fig. 10

## Unplugging

### **WARNING**

Hydraulically-driven units, when plugged, appear to be OFF, because the oil is bypassing over the relief valve. When the plug is removed, the unit will suddenly re-start, which could result in serious injury. **BEFORE** attempting to unplug machine, exercise the **MANDATORY SAFETY SHUTDOWN PROCEDURE** (page 8).

When material can be seen building up on the Windrow Merger and it is NOT moving to the right, the Windrow Merger is plugged.

Material build-up on the conveyor belt may result from a crop hang-up on the hold-down assembly or side-sheets. Always keep in mind that plugging of the merger unit will cause the hydraulic motors to stall. The motors will start up again as soon as the plug is removed unless the oil driving them is shut off with the tractor remote system control lever.

### **WARNING**

When any part of the Windrow Merger becomes plugged, stop the unit **IMMEDIATELY**. **NEVER** leave the tractor seat to unplug the Windrow Merger without first exercising the **MANDATORY SAFETY SHUTDOWN PROCEDURE** (page 8).

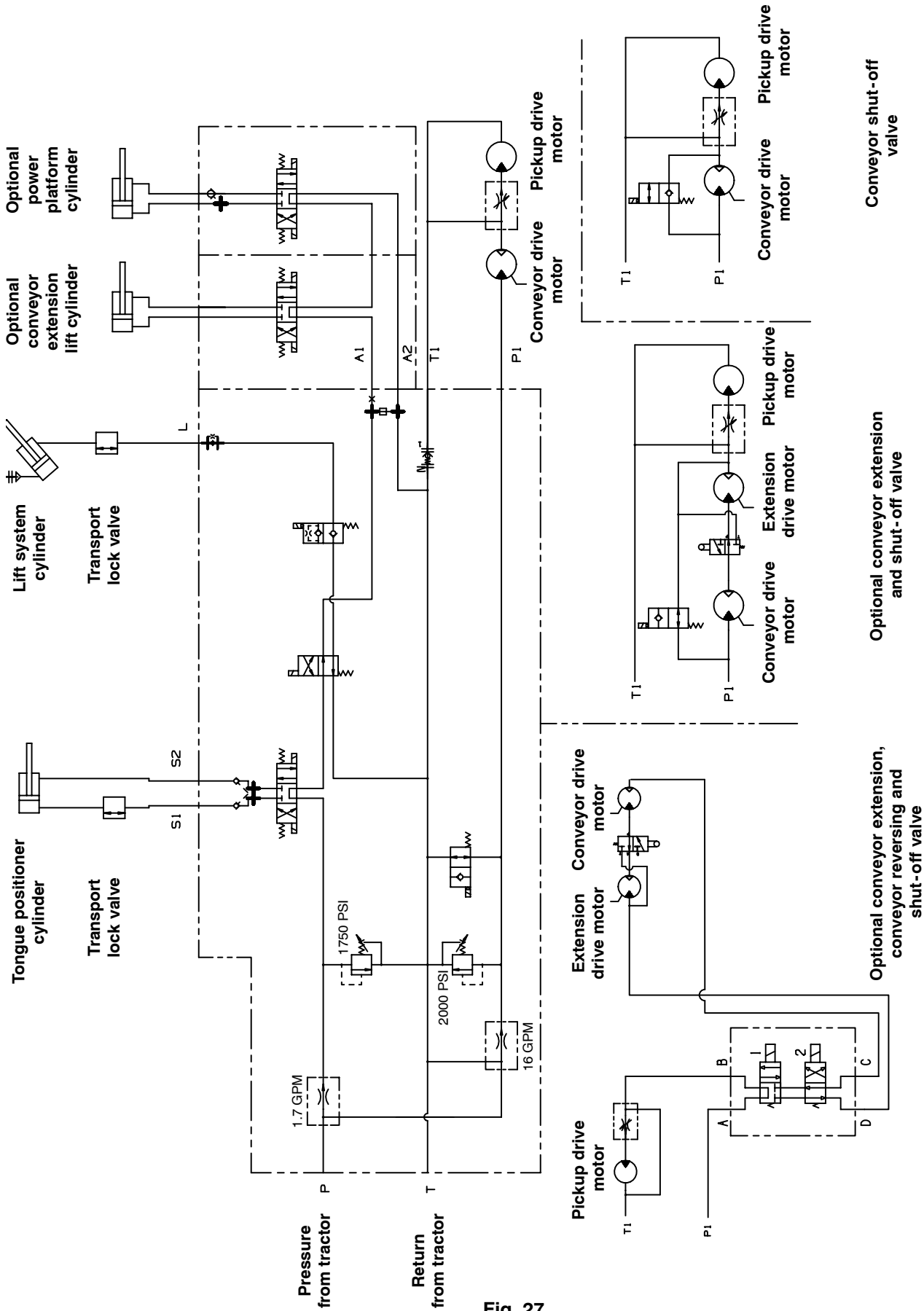


Fig. 27

## HYDRAULIC SCHEMATIC

# CHAPTER 11

## OPTIONAL FEATURES & ACCESSORIES

The optional features and accessories listed in this chapter are shipped with separate instructions to install. Refer to the Gehl Agricultural Price List for stock numbers and ordering information.

### Axles, Wheels & Tires

The Windrow Merger can be obtained with two choices of axles, wheels and tires. The choices are:

1. Single axle set with two 20.5 x 8 - 10 “E” load-rated tires.
2. Tandem axle set with four 16.5 x 6 - 8 “C” load-rated tires.

### Extension Harness

This harness is required to operate the 3’ conveyor extension, power assist conveyor bed shift, conveyor shut-off valve and conveyor reversing and shut-off valve. Only one extension harness is required to operate all of the options.

### Hose Kit

These hoses are required to operate either the conveyor extension or the power assist bed shaft. Only one set of hoses is required to operate both options.

### 3’ Conveyor Extension

The 3’ conveyor extension is available for use with a mower swath spacing of 15’-18’ (4.6-5.5 m). If the operator desires to merge narrower width material, the extension can be folded over the top of the existing conveyor and the material can be discharged at the standard width. The conveyor can only be raised and lowered from the tractor control box.

### Power-Assist Conveyor Bed Shift

The power-assist conveyor bed shift replaces the standard manual shift provided. This kit permits power-assisted movement of the cross-conveyor to accommodate numerous windrow spacings. This option can only be operated from the tractor control box.

### Battery Power Supply Harness

A battery power supply harness is available for tractors not equipped with a 3-pin outlet.

### Conveyor Shut-off Valve

The conveyor shut-off valve provides the user the ability to stop the conveyor belt and continue to have the pickup running. This is beneficial for picking up material not in the windrow and discharging onto the windrow at a convenient location. This option cannot be installed with the conveyor reversing valve. This option can only be operated from the tractor control box.

### Conveyor Reversing and Shut-off Valve

The conveyor reversing and shut-off valve provides all the features of the conveyor shut-off valve, as well as the option to discharge material to the left side, which cannot be done with only the conveyor shut-off valve. This option cannot be installed with the conveyor shut-off valve. This option can only be operated from the tractor control box.

### Swing Cylinder Lock Kit (Before SN 2193)

The swing cylinder lock kit will prevent the swing cylinder from slowly opening during operation. This option operates automatically when installed.

### Safety Chain

A 10,000-pound rated safety chain kit is available to accommodate the weight of the windrow merger. If the windrow merger is to be transported on a public highway, a safety chain should be installed according to the Transporting chapter.

### Conveyor Belt Dutchman

A conveyor belt dutchman is available for belt repair by replacing a damaged section of the belt instead of a complete belt replacement. This kit is not to be used on the 3’ extension belt.

### Conveyor Belt Lacing

This conveyor belt lacing is for complete replacement of the conveyor or extension belts.

### Vari-speed Pickup

The vari-speed pickup allows the operator to vary the pickup speed from the tractor for different crop conditions and ground speeds. This option can only be operated from the tractor control box.

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