Operator's Manual



9800 VE Planter

9816 VE 9824 VE



CALIFORNIA Proposition 65 Warning

WARNING: Diesel engine exhaust and some of its constituents are known to the State of California to cause cancer, birth defects, or other reproductive harm.

WARNING: Battery posts, terminals and related accessories contain lead and lead compounds, chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. Wash hands after handling.

Congratulations on your selection of an AGCO® Product. We believe you have exercised excellent judgment in the purchase of your AGCO® machine. We are most appreciative of your patronage.

Your Dealer has performed the pre-delivery service on your new machine.

He will discuss with you the operating and maintenance instructions given in this manual, and instruct you in the correct and varied applications of this machine. Call on him at any time when you have a question or need equipment related to the use of your machine.

We recommend that you carefully read this entire manual before operating the machine. Also, time spent in becoming fully acquainted with its performance features, adjustments, and maintenance schedules will be repaid in a long and satisfactory life of the product.

This equipment is covered by a written warranty which will be provided to you by your AGCO® Dealer at time of purchase.

AGCO[®] reserves the right to make changes or add improvements to its products at any time without incurring any obligation to make such changes to products manufactured previously. AGCO ®, or its dealers, accept no responsibility for variations which may be evident in the actual specifications of its products and the statements and descriptions contained in this publication.



9800 VE Planter

1	Safety			9
	1.1	Introd	luction	. 11
		1.1.1	Safety alert symbol	. 11
		1.1.2	Safety messages	. 11
		1.1.3	Informational messages	. 11
		1.1.4	Safety signs	. 11
			A word to the operator	
		1.1.6	This manual	. 13
	1.2	Opera	ation	. 14
			Prepare for operation	
			General information	
			Personal protective equipment	
			Seat instructions	
			Shield and guards	
			Exhaust warning	
			Flying debris	
			Handrails	
	1 2		Agricultural chemicals	
			l on public roads	
	1.4		tenance	
			General maintenance information	
			Fire prevention and first aid	
			High pressure leaks	
			Replacement parts	
			D-ring	
	15		y and informational signs	
	1.5		Slow Moving Vehicle (SMV) sign	
			1 Reflector location	
	16		der stops	
	1.0	-	Wheel lift cylinder stops	
			Transport pins	
2	Introd	uction		. 35
	2.1	Introd	luction	. 37
		2.1.1	Units of measurement	. 37
			Replacement parts	
		2.1.3	Intended use	. 37
			Proper disposal of waste	
	2.2	Mach	ine identification	. 38
		2.2.1	Serial number plate	. 38
		2.2.2	Serial number description	. 38
	2.3	Main	machine components	. 40
_	_	_		
3	Operat			
	3.1	Conne	ecting the planter to the tractor	. 45
		3.1.1	Preparing the tractor	. 45
			Connecting the 3-point linkage	
			Connecting the drawbar hitch	
		3.1.4	Connecting the hydraulic hoses	. 47



3.1.5 Adjusting the remote valve flow	
3.1.6 Installing the hydraulic pump, if equipped	
3.1.7 Hitch height	49
3.1.7.1 Setting the 3-point linkage height	49
3.1.7.2 Setting the drawbar hitch height	50
3.2 Disconnecting the planter from the tractor	
3.3 Preparing the machine for operation	
3.4 Frame control box operation	54
3.5 Folding and unfolding the planter	55
3.5.1 Folding the machine	
3.5.2 Unfolding the machine	
3.6 Roading the machine	
3.6.1 Preparing to road the machine	
3.6.2 Safety precautions	
3.6.3 Lamp operation	60
3.7 Field operation	62
3.7.1 Operating in the field	62
3.7.2 Checking the seed population	
3.7.3 Finishing the field	
3.8 Seed	
3.8.1 Seed lubricant	
3.9 Seed meter	66
3.9.1 Seed meter components	66
3.9.2 Crop kits	67
3.9.2.1 Crop setup guide	67
3.9.2.2 Replacing a crop kit	
3.9.3 Checking the disc shims	
3.9.4 Removing a seed meter	
3.9.5 Installing a seed meter	
3.9.6 Assembling the meter to the hopper	
3.10 SpeedTube™	
3.10.1 Yearly maintenance	
3.10.2 SpeedTube™ crop change	
3.10.3 Change from SpeedTube™ to seed tube	
3.10.4 SpeedTube™ inspection	
3.10.5 Replace the belt	89
3.11 Seed meter vacuum	92
3.11.1 Vacuum settings	
3.11.2 Vacuum motor operation	
3.12 Central fill air pressure	
3.12.1 Adjusting the central fill air pressure	
3.13 Seed removal	
3.13.1 Removing seed from the central fill system	94
3.14 Row units	96
3.14.1 Gauge wheels	
3.14.2 Adjusting the seed depth	
3.14.3 Checking the seed depth	
- ·	
3.15 Closing wheels	
3.15.1 Dual wheel down pressure	
3.15.2 Single wheel down pressure	
3.15.3 Closing wheel spacing and offset	
3.15.3.1 Adjusting the closing wheel spacing and offset	100
3.15.4 Centering the closing wheels	100
3.16 Markers	101
3.16.1 Marker operation	
c marker epotation	



	3.16.2 Marker shear bolt	
	3.16.3 Adjusting the marker disc	
	3.16.4 Adjusting the marker arm length	
	3.16.4.1 Marker arm length	103
3.17	Liquid fertilizer	104
	3.17.1 Filling the liquid fertilizer tank	104
	3.17.2 Checking the fertilizer application rate	105
	3.17.3 Cleaning the strainer screen	105
	3.17.4 Preparing for night storage	105
	3.17.5 Preparing for one to two week storage - permitted method	106
	3.17.6 Preparing for one to two week storage - better method	
	3.17.7 Preparing for winter storage	107
3.18	Liquid fertilizer pumps	108
	3.18.1 Piston pump	
	3.18.1.1 Piston pump rate chart	108
	3.18.1.2 Piston pump slide chart	
	3.18.1.3 Setting the piston pump	
	3.18.1.4 Starting the pump	
	3.18.1.5 Checking the tire pressure	
	3.18.1.6 Adjusting the down pressure of the fertilizer transmission	
	3.18.2 Centrifugal pump	
	3.18.2.1 Priming the centrifugal pump	
3.19	Liquid fertilizer distribution	
	3.19.1 Flow divider	
	3.19.2 Boom distribution	
	3.19.2.1 Changing the orifices	
0.00	3.19.2.2 Nozzle orifice chart	
3.20	Liquid fertilizer openers	
	3.20.1 Fertilizer opener adjustments	
	3.20.2 Adjusting the double disc opener	
	3.20.3 Adjusting the single disc opener depth	
	3.20.4 Adjusting the fertilizer opener spacing	
	3.20.5 Adjusting the single opener disc swivel	
2 24	3.20.6 Adjusting the single spring tension	
3.21	ISOBus fertilizer electronics	
	3.21.1 Software icon descriptions	
	3.21.2 Symbol icons	
	3.21.2.1 Accumulator data	125
		126
		126
	3.21.4 Terminal information	
		133
		134
		134
	3.21.6 Implement lift switch, if equipped	
		135
	3.21.6.2 Adjusting the master switch timeout	135
		136
	3.21.8 Module information screen	137
	3.21.9 Hydraulic/electric fertilizer pump setup example	137
	3.21.9.1 Setting the product	137
	!	138
		139
	3.21.9.4 Calibrating the channel - liquid flow	
	3.21.9.5 Doing the 100% catch test	
	3.21.9.6 Doing the partial catch test	142



		3.21.9.7 Doing the nozzle flow meter test	142
	3.21.	10 Planter setup	142
		3.21.10.1 Configuring the channel setup - liquid flow	143
		3.21.10.2 Activating more than one channel	144
		3.21.10.3 Calibrating the channel valve	
		3.21.10.4 Configuring the speed setup	
		3.21.10.5 Configuring the speed source	
		3.21.10.6 Linking channels	
		3.21.10.7 Configuring the physical layout	
	3 21	11 Changing a product setting	
		12 Product setup screen - preset method enabled	
		13 Product setup screen - preset method disabled	
	3.21.	14 Ground speed setup	
	0.04	3.21.14.1 Configuring the speed source	
		15 Module configuration	
		16 Diagnostics	
	3.21.	17 Alarms	
		3.21.17.1 Alarm history	
		3.21.17.2 Alarm detail	
		3.21.17.3 Clearing the alarm history	
		3.21.17.4 Alarm list	
	3.21.	18 Accumulator screen	168
4 Main	tenance	8	171
4.	1 Servi	ce schedule	173
		klists	
•••		Beginning of the day	
		End of the day	
		Beginning of the season	
		Storage	
1			
4.		cation points	
		Sealed bearings	
		Row unit lubrication points	
		Frame lubrication points	
		Tongue lubrication points	
		3-point linkage lubrication points	
		Drawbar hitch lubrication points	
		Marker lubrication points	
		Wheel pivot lubrication points	
	4.3.9	Fertilizer piston pump	
		4.3.9.1 Single piston pump lubrication	182
		4.3.9.2 Double piston pump lubrication	183
4.	4 Seed	meter	184
	4.4.1	Yearly maintenance	184
		Checking the disc shims	
		Replacing the vacuum seal	
4		aulic	
٠.		Changing the hydraulic oil and filter	
		Cleaning the hydraulic oil coolers	
А		- ,	
4.		el bearings	
		Lubricating the wheel bearings	
		Replacing the wheel bearings	
		Adjusting the wheel bearings	
4.		unit	
		Adjusting the gauge wheel to opener clearance	
		Calibrating the gauge wheel depth	
	4.7.3	Removing the gauge wheels	195



		4.7.4 Installing the gauge wheels	196
		4.7.7 Setting the opener disc contact 4.7.8 Removing the seed tubes 4.7.9 Installing the seed tubes	199 200
		4.7.9 installing the seed tubes	201
	4.8	Seed sensors	
		4.8.1 Cleaning the seed sensors	
		4.8.2 Testing the seed sensors	
		4.8.3 Replacing the seed sensors	204
	4.9	Switches	205
		4.9.1 Frame height limit switch	
		4.9.1.1 Adjusting the frame height limit switch	
		4.9.2 Marker positon switch	
	4.10	0 Electronic controls	
		4.10.1 General electronic maintenance	
		4.10.2 Electrical system overview	
		4.10.3 Status lamp for the single row module and vDrive module	
5		leshooting	
	5.1	Low vacuum	215
	5.2	vSet 2 troubleshooting	216
	5.3	Hydraulic troubleshooting	218
	5.4	Planter troubleshooting	220
		Single disc fertilizer opener troubleshooting	
		Liquid fertilizer pumps	
	0.0	5.6.1 Centrifugal pump troubleshooting	
		5.6.2 Electric pump troubleshooting	
_			
6	•	fications	
	6.1	Specifications	
		•	
		6.1.1 Frame specifications	231
		6.1.1 Frame specifications	231 231
		6.1.1 Frame specifications	231 231 232
		6.1.1 Frame specifications	231 231 232 232
		 6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 	231 231 232 232 232
		 6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 	231 231 232 232 232 233
		 6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 	231 231 232 232 232 233 233
		 6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 	231 232 232 232 233 233 233 233
		 6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 	231 232 232 232 233 233 233 233
7	Acces	 6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 	231 232 232 232 233 233 233 233 234
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement	231 232 232 232 233 233 233 233 234
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement	231 231 232 232 233 233 233 233 234 237 239
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits	231 232 232 232 233 233 233 234 237 239 239
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits 7.1.2.1 Single rubber wheel	231 232 232 232 233 233 233 234 237 239 239 239
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits 7.1.2.1 Single rubber wheel 7.1.2.2 Angled dual rubber wheels	231 232 232 232 233 233 233 234 237 239 239 239 239
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits 7.1.2.1 Single rubber wheel 7.1.2.2 Angled dual rubber wheels 7.1.2.3 Angled dual cast iron wheels	231 232 232 233 233 233 234 237 239 239 239 239 240
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits 7.1.2.1 Single rubber wheel 7.1.2.2 Angled dual rubber wheels 7.1.2.3 Angled dual cast iron wheels 7.1.3 Attachments mounted on the row unit linkage	231 232 232 233 233 233 233 234 239 239 239 240 240
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits 7.1.2.1 Single rubber wheel 7.1.2.2 Angled dual rubber wheels 7.1.3 Attachments mounted on the row unit linkage 7.1.3.1 Disc furrower attachment	231 232 232 233 233 233 233 234 239 239 239 240 240 240
7		6.1.1 Frame specifications 6.1.2 Tire specifications 6.1.3 Machine dimensions 6.1.4 Marker specifications 6.1.5 Row unit specifications 6.1.6 Hydraulic system specifications 6.1.7 Shear pin specifications 6.1.8 Approximate shipping weight 6.1.9 Special bolt torques 6.1.10 Tractor requirement sories Accessories 7.1.1 Stroke control segments kit 7.1.2 Closing wheel kits 7.1.2.1 Single rubber wheel 7.1.2.2 Angled dual rubber wheels 7.1.2.3 Angled dual cast iron wheels 7.1.3 Attachments mounted on the row unit linkage	231 232 232 233 233 233 233 234 239 239 239 240 240 240 240

MARCEY FERCIN

		7.1.4	Row unit mounted tillage	242
			7.1.4.1 Row unit-mounted tillage coulter	242
			7.1.4.2 Coulter with residue manager	242
			7.1.4.3 Residue manager	242
			7.1.4.4 Trashmaster attachment	243
			7.1.4.5 Floating residue manager	243
		7.1.5	Frame mounted tillage	243
			7.1.5.1 Frame-mounted tillage coulter	243
			7.1.5.2 Coulter with residue manager	244
			7.1.5.3 Strip/ridge till discs	
			7.1.5.4 Stabilizing coulter	
			Coulter disc blades	
			Liquid fertilizer kit	
		7.1.8	Fertilizer Openers Kit	
			7.1.8.1 Double-disc fertilizer opener	
			7.1.8.2 Single-disc fertilizer opener	
			Tow hitch kit	
			Drive wheel mud scraper kit	
			1 Gauge wheel mud scraper kit	
			2 Weight kit	
			3 Marker kit	
		7.1.14	4 Safety and instructional sign replacement	249
8		-		
	8.1	Asser	nbly safety	253
	8.2	Asser	mbling the machine	254
			Priming the hydraulic circuits	
			Removing the cover from the SMV emblem	
			Radar	
		8.2.4	Assembling the hydraulic pump	256
		8.2.5	Filling the hydraulic tank	257
	8.3	Check	dists	258
			Pre-delivery checklist	
			Delivery checklist	
_	دا ما			
J	muex			259



1. Safety

	Introduction	11
	1.1.1 Safety alert symbol	11
	1.1.2 Safety messages	11
	1.1.3 Informational messages	
	1.1.4 Safety signs	
	1.1.5 A word to the operator	
	1.1.6 This manual	
1.2	Operation	14
	1.2.1 Prepare for operation	
	1.2.2 General information	
	1.2.3 Personal protective equipment	
	1.2.4 Seat instructions	
	1.2.5 Shield and guards	
	1.2.6 Exhaust warning	
	1.2.7 Flying debris	
	1.2.8 Handrails	
4.0	1.2.9 Agricultural chemicals	
	Travel on public roads	
1.4	Maintenance	
	1.4.1 General maintenance information	
	1.4.2 Fire prevention and first aid	
	1.4.3 High pressure leaks	
	1.4.4 Tire safety	
	1.4.5 Replacement parts	
4 -	1.4.6 D-ring	24
1.5	1.4.6 D-ring	24 25
1.5	1.4.6 D-ring	24 25 27
1.5	1.4.6 D-ring	24 25 27 27
1.5	1.4.6 D-ring	24 25 27 27
1.5	1.4.6 D-ring	24 25 27 27 27
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard	24 25 27 27 27 27
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard	24 25 27 27 27 27 28 28
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard	24 25 27 27 27 27 28 28
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard . 1.5.2 Warning - Crushing hazard . 1.5.3 Warning - Crushing hazard . 1.5.4 Danger - Electrical hazard . 1.5.5 Danger - Electrical hazard . 1.5.6 Warning - Chemical ingestion hazard . 1.5.7 Warning - Fall hazard . 1.5.8 Warning - Chemical ingestion hazard .	24 25 27 27 27 28 28 28
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical	24 25 27 27 27 28 28 28 28
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard	24 25 27 27 27 28 28 28 28 29
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical	24 25 27 27 27 28 28 28 28 28 29 29
1.5	1.4.6 D-ring . Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure	24 25 27 27 27 28 28 28 28 29 29
1.5	1.4.6 D-ring Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual	24 25 27 27 27 28 28 28 28 29 29 29
1.5	1.4.6 D-ring Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual 1.5.13 Speed sign 1.5.14 Warning - Crushing hazard 1.5.15 Warning - Crushing hazard	24 25 27 27 27 28 28 28 28 29 29 30 30 30
1.5	1.4.6 D-ring Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual 1.5.13 Speed sign 1.5.14 Warning - Crushing hazard 1.5.15 Warning - Crushing hazard 1.5.16 Warning - Crushing hazard	24 25 27 27 27 28 28 28 29 29 30 30 30
1.5	1.4.6 D-ring Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual 1.5.13 Speed sign 1.5.14 Warning - Crushing hazard 1.5.15 Warning - Crushing hazard 1.5.16 Warning - Crushing hazard 1.5.16 Warning - Crushing hazard 1.5.17 Warning - Shearing hazard	24 25 27 27 27 28 28 28 29 29 30 30 31
1.5	1.4.6 D-ring Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual 1.5.13 Speed sign 1.5.14 Warning - Crushing hazard 1.5.15 Warning - Crushing hazard 1.5.16 Warning - Crushing hazard 1.5.17 Warning - Shearing hazard 1.5.18 Warning - PTO speed	24 25 27 27 28 28 28 28 29 29 30 30 31 31
1.5	Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual 1.5.13 Speed sign 1.5.14 Warning - Crushing hazard 1.5.15 Warning - Crushing hazard 1.5.16 Warning - Crushing hazard 1.5.17 Warning - Shearing hazard 1.5.18 Warning - PTO speed 1.5.19 Danger - Entanglement hazard	24 25 27 27 28 28 28 29 29 29 30 30 31 31
1.5	Safety and informational signs 1.5.1 Danger - Crushing hazard 1.5.2 Warning - Crushing hazard 1.5.3 Warning - Crushing hazard 1.5.4 Danger - Electrical hazard 1.5.5 Danger - Electrical hazard 1.5.6 Warning - Chemical ingestion hazard 1.5.7 Warning - Fall hazard 1.5.8 Warning - Chemical ingestion hazard 1.5.9 Danger - Chemical 1.5.10 Warning - Shut off engine 1.5.11 Warning - High pressure 1.5.12 Warning - Operators manual 1.5.13 Speed sign 1.5.14 Warning - Crushing hazard 1.5.15 Warning - Crushing hazard 1.5.16 Warning - Crushing hazard 1.5.17 Warning - Crushing hazard 1.5.18 Warning - Shearing hazard 1.5.19 Danger - Entanglement hazard 1.5.20 Slow Moving Vehicle (SMV) sign	24 25 27 27 28 28 28 29 29 30 30 31 31 31
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1.1 Introduction

1.1.1 Safety alert symbol

The safety alert symbol means Attention! Become Alert! Your Safety Is Involved!

Look for the safety alert symbol both in this manual and on safety signs on this machine. The safety alert symbol will direct your attention to information that involves your safety and the safety of others.

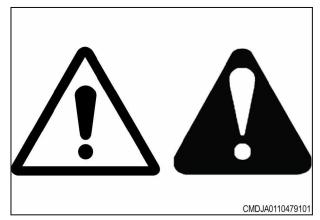


Fig. 1

1.1.2 Safety messages

The words DANGER, WARNING or CAUTION are used with the safety alert symbol. Learn to recognize these safety alerts and follow the recommended precautions and safety practices.



DANGER:

Indicates an imminently hazardous situation that, if not avoided, will result in DEATH OR VERY SERIOUS INJURY.



WARNING:

Indicates a potentially hazardous situation that, if not avoided, could result in DEATH OR SERIOUS INJURY.



CAUTION:

Indicates a potentially hazardous situation that, if not avoided, may result in MINOR INJURY.



Fig. 2

1.1.3 Informational messages

The words important and note are not related to personal safety, but are used to give additional information and tips for operating or servicing this equipment.

IMPORTANT: Identifies special instructions or procedures which, if not strictly observed, could result in damage to or destruction of the machine, process, or its surroundings

NOTE: Identifies points of particular interest for more efficient and convenient repair or operation.

1.1.4 Safety signs



WARNING:

Do not remove or obscure safety signs. Replace any safety signs that are not readable or are missing. Replacement signs are available from your dealer in the event of loss or damage. The actual location of the safety signs is illustrated at the end of this section.



Keep signs clean by wiping off regularly. Use a mild soap and water solution if necessary.

If parts have been replaced or a used machine has been purchased, make sure all safety signs are present and in the correct location and can be read. Illustrations of safety sign locations are located at the rear of this section.

Replace any safety signs that can not be read, are damaged, or are missing. Clean the machine surface thoroughly with a mild soap and water solution before replacing signs. Replacement safety signs are available from your dealer.

1.1.5 A word to the operator

It is your responsibility to read and understand the safety section in this manual and the manual for all attachments before operating this machine. Remember you are the key to safety. Good safety practices not only protect you, but also the people around you.

Study the content in this manual and make the content a working part of your safety program. Keep in mind that this safety section is written only for this type of machine. Practice all other usual and customary safe working precautions, and above all remember - safety is your responsibility. You can prevent serious injury or death.

This safety section is intended to point out some of the basic safety situations that may be encountered during the normal operation and maintenance of your machine. This section also suggests possible ways of dealing with these situations. This section is not a replacement for other safety practices featured in other sections of this manual.

Personal injury or death may result if these precautions are not followed.

Learn how to operate the machine and how to use the controls properly.

Do not let anyone operate the machine without instruction and training.

For your personal safety and the personal safety of others, follow all safety precautions and instructions found in the manuals and on safety signs affixed to the machine and all attachments.

Use only approved attachments and equipment.

Make sure your machine has the correct equipment needed by the local regulations.



WARNING:

An operator should not use alcohol or drugs which can affect their alertness or coordination. An operator on prescription or 'over the counter' drugs needs medical advice on whether or not they can properly operate machines.

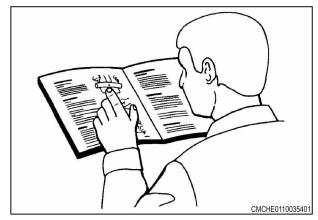


Fig. 3





CAUTION:

If any attachments used on this equipment have a separate Operator Manual, see that manual for other important safety information.

1.1.6 This manual

This manual covers general safety practices for this machine. The operator manual must always be kept with the machine.

Right-hand and left-hand, as used in this manual, are determined by facing the direction the machine will travel when in use.

The photos, illustrations, and data used in this manual were current at the time of printing, but due to possible in-line production changes, your machine can vary slightly in detail. The manufacturer reserves the right to redesign and change the machine as necessary without notification.



WARNING:

In some of the illustrations and photos used in this manual, shields or guards may have been removed for clarity. Never operate the machine with any shields or guards removed. If the removal of shields or guards is necessary to make a repair, they must be replaced before operation.



1.2 Operation

1.2.1 Prepare for operation

Read and understand all operating instructions and precautions in this manual before operating or servicing the machine.

Make sure you know and understand the positions and operations of all controls. Make certain all controls are in neutral and the park brake is applied before starting the machine.

Make certain all people are well away from your area of work before starting and operating the machine. Check and learn all controls in an area clear of people and obstacles before starting your work. Be aware of the machine size and have enough space available to allow for operation. Never operate the machine at high speeds in crowded places.

Emphasize the importance of using correct procedures when working around and operating the machine. Do not let children or unqualified persons operate the machine. Keep others, especially children, away from your area of work. Do not permit others to ride on the machine.

Make sure the machine is in the proper operating condition as stated in the Operator Manual. Make sure the machine has the correct equipment required by local regulations.

All equipment has a limit. Make sure you understand the speed, brakes, steering, stability and load characteristics of this machine and the tractor before you start.

1.2.2 General information

When parking, park the machine and the tractor on a solid level surface. put all controls in neutral and apply the tractor park brake. Stop the tractor engine and take the key with you.

Make sure the tractor and implement are in the proper operating condition according to the operator manuals. Make sure the tractor brakes and the machine brakes are adjusted correctly.

The tractor must have enough weight and braking capacity, especially when operating on roads and terrain that is not even. Use a tractor of recommended size and weight to tow the machine. See the machine specifications for the minimum tractor size and weight.

Tractor must be equipped with rollover protective structure (ROPS) and a seat belt. use seat belt during operation.

Do not dismount from moving machinery.

Always operate the machine with the terminal turned on.

Never start the tractor with the PTO engaged or terminal turned on.

Stay off slopes too steep for operation.

Where possible avoid operating the machine near ditches, embankments, and holes. Reduce ground speed when operating on rough, slippery, or muddy surfaces and when turning or crossing slopes.

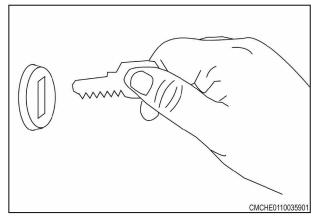


Fig. 4



Be aware of the size of the machine and have enough space available to allow for operation.

Always lower the machine when not in use and relieve the pressure in the hoses and cylinders.

Do not stand between the tractor and the implement to install the hitch pin when the tractor engine is running.

Avoid contact with electrical power lines. Contact with electrical power lines can cause electrical shock, resulting in very serious injury or death.

Watch for overhead wires or other obstructions when raising the markers, and when moving the machine with the markers raised.

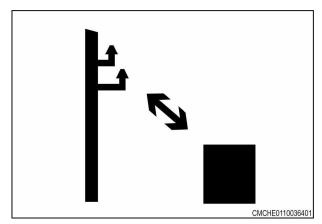


Fig. 5

1.2.3 Personal protective equipment

Wear all personal protective equipment (PPE) and protective clothing issued to you or called for by job conditions and country/local regulations. PPE includes, but is not limited to, equipment to protect eyes, lungs, ears, head, hands and feet when operating, servicing, or repairing equipment.

Always keep hands, feet, hair, and clothing away from moving parts. Do not wear loose clothing, jewelry, watches, or other items that could entangle in moving parts. Tie up long hair that can also entangle in moving parts.

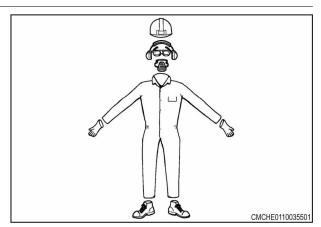


Fig. 6

1.2.4 Seat instructions

Securely fasten the seat belt before operating the machine. Always remain seated and have the seat belt fastened while operating the machine. Replace the seat belts when they become worn or broken.

Never wear a seat belt loosely or with slack in the belt system. Never wear the seat belt in a twisted condition or pinched between the seat structural members.

When using the instructional seat, if equipped, securely fasten the seat belt. The instructional seat is to be used only to train new operators or diagnose a problem. The instructional seat is only intended for short periods of use. Extra riders,

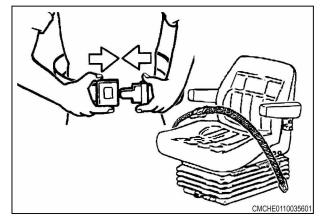


Fig. 7



especially children, are not permitted on the machine.

When the instructional seat is used the machine must be driven at a slower speed and on level ground. Avoid quick starts, stops, and sharp turns. Avoid driving on highways or public roads.

1.2.5 Shield and guards

All shields and guards must be in the correct operating position and in good condition.

Do not open, remove, or reach around shields while the engine is operating. Entanglement in rotating belts and components can cause serious injury or death. Stay clear of rotating components.

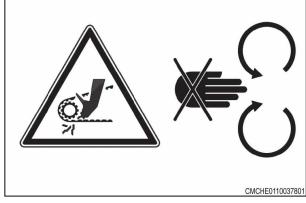


Fig. 8

Do not operate the machine with the drive shaft shields open or removed. Entanglement in rotating drive shafts can cause serious injury or death. Stay clear of rotating components.

Make sure rotating guards turn freely.



Fig. 9

1.2.6 Exhaust warning

Never operate the engine in a closed building unless the exhaust is vented outside.

Do not tamper with or modify the exhaust system with unapproved extensions.

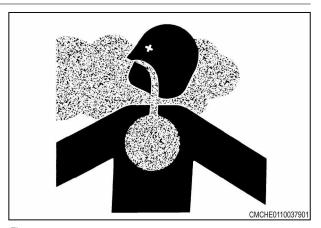


Fig. 10



1.2.7 Flying debris



WARNING:

Be careful when operating along the side of a road or building. Rocks or other debris can be thrown from the machine during operation possibly resulting in injury.

Never stand near the machine during operation. Debris can be thrown from the machine during operation possibly resulting in injury.

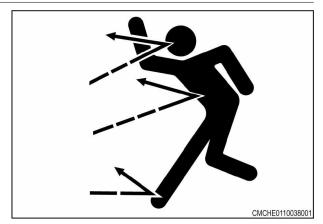


Fig. 11

1.2.8 Handrails

Face the ladder and use the handrails when getting on or off the machine.



Fig. 12

1.2.9 Agricultural chemicals

Agricultural chemicals can be very hazardous. Improper use of fertilizer, fungicides, herbicides, insecticides and pesticides can injure people, plants, animals, soil and other people's property.

Always read and follow all manufacturers' instructions before opening any chemical container.

Even if you think you know the instructions, read and follow instructions each time you use a chemical.

Use the same precautions when adjusting, servicing, cleaning or storing the machine as used when installing chemicals into the hoppers or tanks.

Inform anyone who comes in contact with chemicals of the potential hazards involved and the safety precautions required.

Stand upwind and away from smoke from a chemical fire.

Store or dispose of all unused chemicals only in a manner as specified by the chemical manufacturer.



1.3 Travel on public roads

Make sure you understand the speed, brakes, steering, stability, and load characteristics of this machine before you travel on public roads.

Use good judgment when traveling on public roads. Maintain complete control of the machine at all times. Never coast down hills.

The maximum speed of farm equipment is governed by local regulations. Adjust travel speed to maintain control at all times. See the specifications for the maximum speed for this machine.

Make sure the tractor is in the proper operating condition according to the tractor operator manual. Make sure the tractor brakes and the machine brakes, if equipped, are adjusted correctly. The tractor must have enough weight and braking capacity, especially when operating on roads and terrain that is not even. To achieve proper braking capacity, use tractor of recommended size and weight to tow the machine. See the machine specifications for the minimum tractor weight.

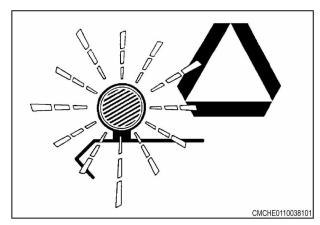


Fig. 13

Familiarize yourself with and obey all road regulations that apply to your machine. Consult your local law enforcement agency for local regulations regarding movement of farm equipment on public roads. Use head lamps, flashing warning lamps, tail lamps and turn signals, day and night, unless prohibited by local law.

Make sure all the flashers are operating prior to driving on the road. Make sure reflectors are correctly installed, in good condition, and wiped clean. Make sure the Slow Moving Vehicle (SMV) emblem is clean, visible, and correctly mounted on the rear of the machine.

Be aware of other traffic on the road. Keep well over to your own side of the road and pull over, whenever possible, to let faster traffic pass.

Be aware of the overall width, length, height, and weight of the machine. Be careful when transporting the machine on narrow roads and across narrow bridges.

If equipped, always install the safety transport chain between the implement and the tractor drawbar.

- Use a safety transport chain with a strength rating equal to or more than the gross weight of the towed machines.
- Connect the safety transport chain to the tractor drawbar and use a retainer on the hitch pin.
- Supply only enough slack in the safety transport chain to permit turning.
- Do not use the safety transport chain as a tow chain for towing.

Install the marker lockup pins before transporting or parking the machine.

Install the wheel cylinder lockup channels before transporting or parking the machine.

Vertical fold models: Always install the wing lockup pins before transporting or parking the machine.



Watch for overhead wires and other obstructions. Avoid contact with electrical power lines. Contact with electrical power lines can cause electrical shock, resulting in very serious injury or death.

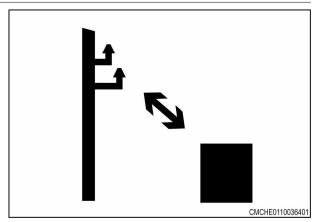


Fig. 14



1.4 Maintenance

1.4.1 General maintenance information

Before doing any unplugging, lubricating, servicing, cleaning, or adjusting:

- Park the machine on a solid level surface.
- Disengage the tractor power take-off.
- Make sure all controls are in the neutral position and apply the park brake.
- Make sure all implements and attachments have been lowered to the ground.
- Stop the engine and take the key with you.
- Look and Listen! Make sure all moving parts have stopped.
- Put blocks in front of and behind the wheels of the machine before working on or under the machine.

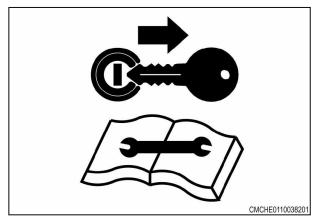


Fig. 15

Do not leave the tractor or implement unattended with the engine running.

Do not pull crop or any other object from the machine while the machine engine is running. Moving parts can pull you in faster than you can move away.

Check all nuts and bolts periodically for tightness, especially wheel mounting hardware.

Do not attempt to service or adjust the machine until all moving parts have stopped.

Check all nuts and bolts periodically for tightness, especially wheel mounting hardware.

Be aware of the size of parts when doing service work. Never stand under or near a part being moved with lifting equipment.

After unplugging, lubricating, servicing, cleaning, or adjusting the machine make sure all tools and equipment have been removed.

Make sure electrical connectors are clean and free of dirt or grease before connecting.

Check for loose, broken, missing, or damaged parts. Make sure the machine is in good repair. Make sure all guards and shields are in position.

Always raise implement, shut off tractor engine, apply the parking brake, shift to park position (or neutral) remove the key and install the cylinder stops channels before working around the machine.

Avoid working under the machine. However, if it becomes unavoidable to do so, make sure the machine is securely blocked and the cylinder lockup channels are in position.

When working around discs, be careful to not get cut on sharp edges.

Never service, check or adjust drive chains or belts while the engine is running.

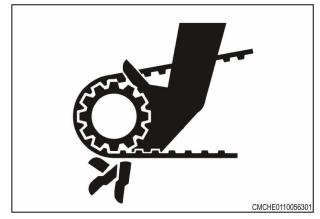


Fig. 16



Do not operate the machine with the drive shaft shields open or removed. Entanglement in rotating drive shafts can cause serious injury or death.

Stay clear of rotating components.

Make sure rotating guards turn freely.

A loose yoke can slip off a shaft and result in injury to persons or damage to the machine.

When installing a quick disconnect yoke, the spring activated locking pins must slide freely and be seated in the groove on the shaft. Pull on the driveline to make sure the quick disconnect yoke can not be pulled off the shaft.

Remove spilled oil, antifreeze or fuel immediately from the steps, platform, and other access areas.

Keep all access areas clean and free of obstructions.



Fig. 17



Fig. 18

1.4.2 Fire prevention and first aid

Be prepared for emergencies.

Keep a first aid kit handy for treatment of minor cuts and scratches.

Always carry one or more fire extinguishers of the correct type. Check fire extinguishers regularly as instructed by the manufacturer. Make sure fire extinguishers are properly charged and in operating condition.

Due to the nature of the crops this machine will operate in, the risk of fire is of concern. Use a water type fire extinguisher or other water source for a fire in crop.

For fires involving anything other than crop, such as oil or electrical components, use a dry chemical fire extinguisher with an ABC rating.

Mount fire extinguishers within easy reach of where fires can occur.

Frequently remove accumulated crop material from the machine and check for overheated components. Check the machine daily for any noises that are not normal. Such noises could indicate a failed component that can cause excess heat.

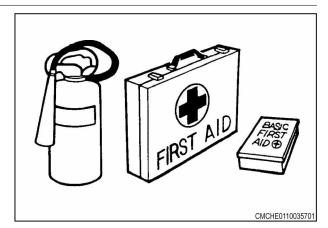


Fig. 19



If any flame cutting, welding, or arc welding is to be done on the machine or attachments, make sure to clear any crop material or debris from around the area. Make sure the area below the work area is clear of any flammable material as falling molten metal or sparks can ignite the material.

If fire occurs stand upwind and away from smoke from the fire.

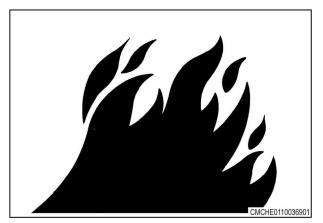


Fig. 20

1.4.3 High pressure leaks

Fluid leaking from the hydraulic system or the fuel injection system under high pressure can be very hard to see. The fluid can go into the skin causing serious injury.

Fluid injected into the skin must be surgically removed within a few hours. If not removed immediately, serious infection or reaction can develop. Go immediately to a doctor who knows about this type of injury.

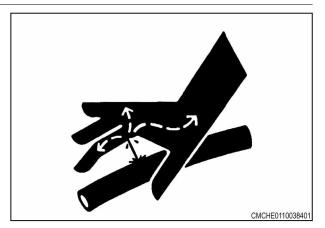


Fig. 21

Use a piece of cardboard or wood to search for possible leaks. Do not use your bare hand. Wear leather gloves for hand protection and safety goggles for eye protection.

Relieve all pressure before loosening any hydraulic lines. Relieve the pressure by lowering raised equipment, shutting off accumulator valve, if equipped, and shutting off the engine. Tighten all connections securely before applying pressure.

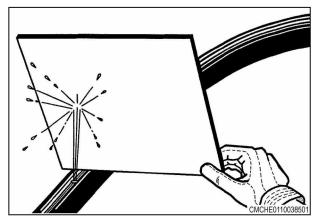


Fig. 22



1.4.4 Tire safety

Check tires for cuts, bulges, and correct pressure. Replace worn or damaged tires. When tire service is needed, have a qualified tire mechanic service the tire. Tire changing can be very hazardous and must be done by qualified tire mechanic using proper tools and equipment. See the Specifications Section for the correct tire size.

Tire explosion and/or serious injury can result from over inflation. Do not exceed the tire inflation pressures. See the Specifications Section for the correct tire pressure.

Do not inflate a tire that is seriously under inflated or has been run flat. Have the tire checked by qualified tire mechanic.

Do not weld on the rim when a tire is installed. Welding will make an air/gas mixture that can cause an explosion and burn with high temperatures. This danger applies to all tires, inflated or deflated. Removing air or breaking the bead is not enough. The tire must be completely removed from the rim prior to welding.

When preparing a calcium chloride solution for fluid ballast the tractor tires, never pour water onto the calcium chloride. A chlorine gas can be generated which is poisonous and explosive. This can be avoided by slowly adding calcium chloride flakes to water and stirring until they are dissolved.

When seating tire beads onto rims, never exceed 2.4 bar (35 psi) or the maximum inflation pressure specified on the tire. Inflation beyond this maximum pressure may break the bead, or even the rim, with explosive force.

Lower the machine to the ground before removing a wheel for tire repair.

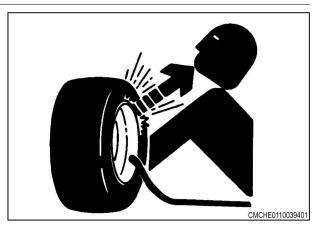


Fig. 23

1.4.5 Replacement parts

Where replacement parts are necessary for periodic maintenance and servicing, genuine replacement parts must be used to restore your equipment to original specifications.

The manufacturer will not accept responsibility for installation of unapproved parts and/or accessories and damages as a result of their usage.

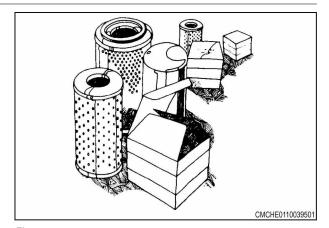


Fig. 24



1.4.6 **D-ring**

The D-ring is used for production only. Do not lift from the D-ring (1).

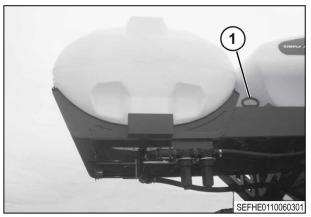


Fig. 25



1.5 Safety and informational signs

The safety signs are shown for all options and configurations. Your machine can be different.

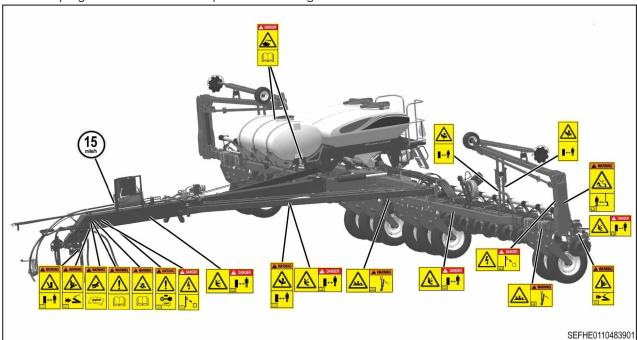


Fig. 26 The left-hand side of the machine

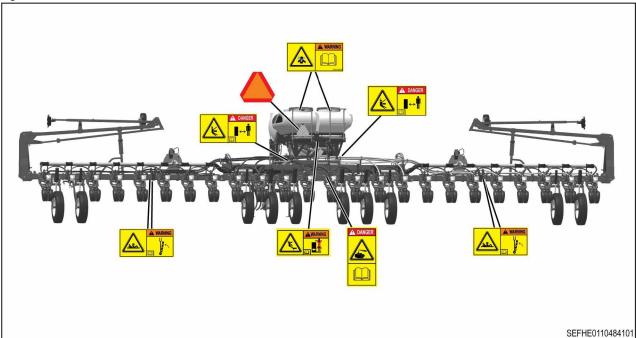


Fig. 27 The rear view of the machine



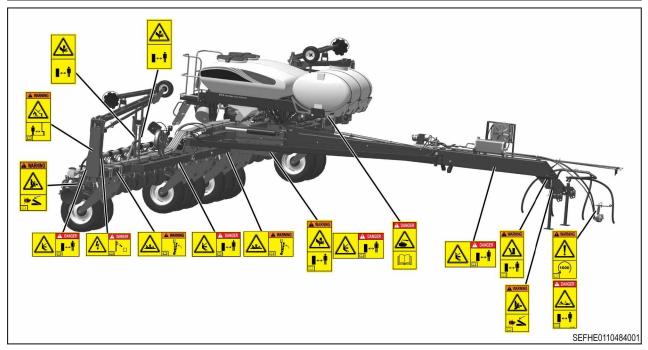


Fig. 28 The right-hand view of the machine

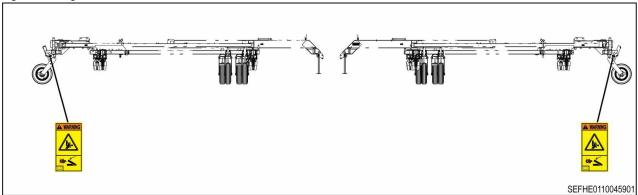


Fig. 29 The right-hand and left-hand view of the machine folded Residue manager

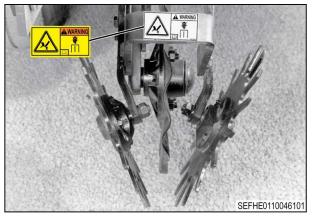
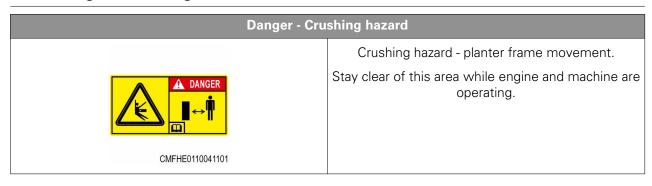


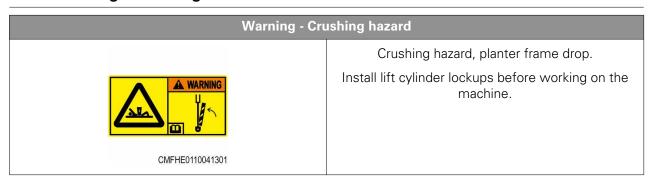
Fig. 30



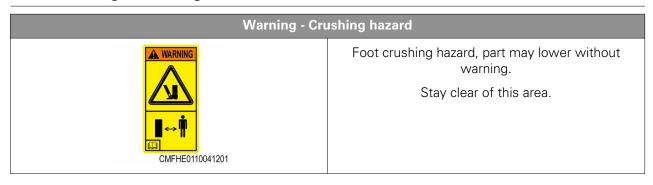
1.5.1 Danger - Crushing hazard



1.5.2 Warning - Crushing hazard



1.5.3 Warning - Crushing hazard



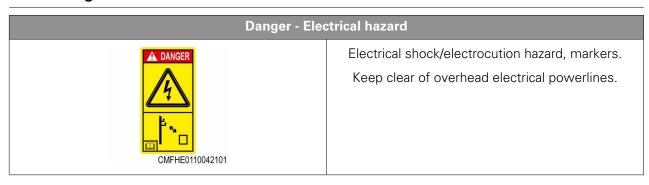
1.5.4 Danger - Electrical hazard

Danger - Electrical hazard				
DANGER	Electrical shock/electrocution hazard, markers. Keep clear of overhead electrical powerlines.			
CMFHE0110042301				

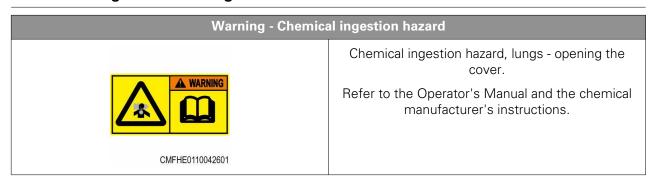
9800 VE Planter 27 700745957B



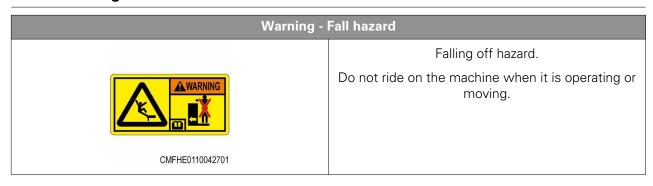
1.5.5 Danger - Electrical hazard



1.5.6 Warning - Chemical ingestion hazard



1.5.7 Warning - Fall hazard

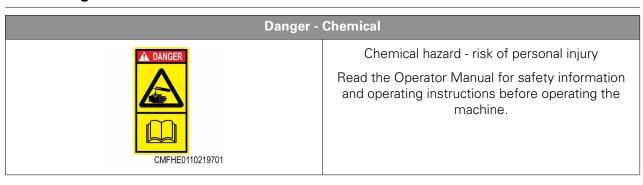


1.5.8 Warning - Chemical ingestion hazard

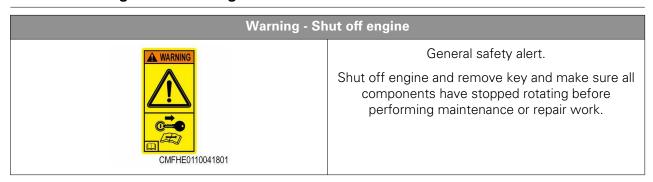
Warning - Chemical ingestion hazard				
WARNING CMFHE0110041501	Chemical ingestion hazard, lungs - opening the cover. Refer to the Operator's Manual and the chemical manufacturer's instructions.			



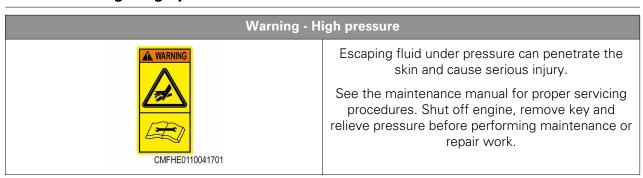
1.5.9 Danger - Chemical



1.5.10 Warning - Shut off engine



1.5.11 Warning - High pressure

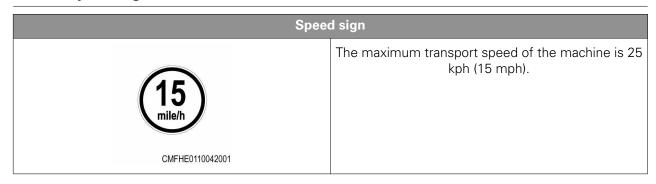


1.5.12 Warning - Operators manual

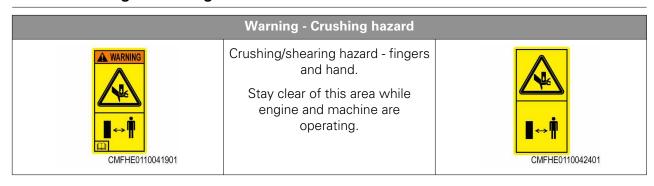
Warning - Operators manual				
WARNING	General safety alert. Read and understand the Operator's Manual before operating the machine.			
CMFHE0110041601				



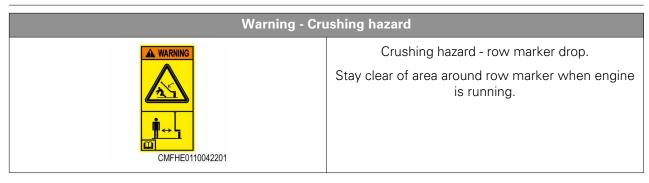
1.5.13 Speed sign



1.5.14 Warning - Crushing hazard



1.5.15 Warning - Crushing hazard



1.5.16 Warning - Crushing hazard

Warning - Crushing hazard				
WARNING CMFHE0110041401	Crushing/shearing hazard - fingers and hand. Stay clear of this area while engine and machine are operating.			

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