# **OPERATOR'S MANUAL**

**T7.230** 

T7.245

T7.260

Tier 4B (final)

Sidewinder II

**Tractor** 

PIN HACT72\*\*\*HE401001 and above



# **Contents**

1	GENERAL INFORMATION	1 1
	Metric and imperial units abbreviations	
	To the ownerOperator's manual storage	1-১ 1-5
	Product identification	
	Engine identification	
	Drive line identification	
	Cab identification	
	Product identification plate	
	Ecology and the environment	
	Programming tractor functions	
	Before operating the tractor	
	International symbols	
	Machine stability	
	Selective Catalytic Reduction (SCR) system	. 1-17
2	SAFETY INFORMATION	
_	Safety precautions	2-1
	Safety decals	
	Safety rules	
	Burn prevention	
	Prevention of fire or explosions	
	Fire extinguisher	
	Protection offered by the tractor	. 2-22
	Hazardous substances	
	Emergency exit	
	Wheel chocks	
	Intended use statement	
	motification of occations and an arrangement of the control of the control occation of the control occation occ	. 2-50
3	CONTROLS AND INSTRUMENTS	
	ACCESS TO OPERATOR'S PLATFORM	
	Introduction	3-1
	Cab air filters	
	In cab storage (where fitted)	
	Cable and wiring routing	
	Mobile telephone usage	
	Implement monitor installation	
	Cab air pressurisation control (where fitted)	3-9
	OPERATOR'S SEAT	
	Operator's seat	. 3-10
	Air suspension seat deluxe	
	Air suspension seat with passive or Dynamic Damping System (DDS)	
	Air suspension seat 'evolution active'	

Seat belt	3-29
INSTRUCTOR'S SEAT	2 20
Instructional seat	. 3-30
FORWARD CONTROLS	
Ignition key	
Hazard lights switch	
Lights and turn indicator lever	
Follow me home lights	
Windshield wiper and washer controls	
Electronic parking brake	
Clutch pedalFoot brakes	
Exhaust brake (where fitted)	
Steering column	
LEFT-HAND SIDE CONTROLS	
Handbrake	. 3-43
RIGHT-HAND SIDE CONTROLS	
Integrated control panel	. 3-44
Hand throttle	
Multi function handle	3-45
REARWARD CONTROLS	
Switches on C-pillar	3_46
Battery isolator switch (where fitted)	
Heated screens (where fitted)	
ISO bus functionality	
Hydraulic master switch	
Switches on right-hand trim	
Advanced steering system field/road switch	
Variable Ratio Steering (VRS)	
Autoguidance system	
Autoguidance - Variable ratio steering	3-57
OVERUEAR CONTROLO	
OVERHEAD CONTROLS	2 50
Switch panel work lights	
Left-hand and right-hand outermost work light switch	
Climate controls	
Manual temperature control	
Automatic Temperature Control (ATC)	
INSTRUMENT CLUSTER	
Analog Digital Instrument Cluster (ADIC)	. 3-64
Gauges	
	_

5 5	3-66
· •	3-68
• •	3-71
	play settings 3-73
•	3-74
·	ay
	display
	3-93
	3-98
Selective Catalytic Reduction	(SCR) exhaust treatment - Overview 3-99
Warning and advisory symbol	s3-108
4 OPERATING INSTRUCTI	ONS
COMMISSIONING THE	UNIT
	4-1
STARTING THE UNIT	
	4-3
	ere fitted)
·	4-5
	nere fitted) 4-6
Transmission oil heater (wher	e fitted) 4-7
	4-8
STOPPING THE UNIT	
	4-9
	with enhanced keypad (where fitted) 4-10
, and the second	,
MOVING THE UNIT	
	es4-11
	4-13
·	4-14
<b>3</b>	
5 TRANSPORT OPERATIO	NS
PREPARING FOR ROAL	
, ,	sporter 5-1
Secure the high visibility roof	panel 5-1
	OT.
RECOVERY TRANSPOR	र। 5-2
•	5-2 
rowing the hactor	

### 6 WORKING OPERATIONS

GŁ	ENERAL INFORMATION	
	Variable engine power management	
	Constant engine speed	
	Differential lock	
	Four wheel driveFront axle suspension (where fitted)	
Δ	utomated headland functions	
^	Headland turn sequence - Quick guide	
	Recording and replaying	
	Explanation of symbols	
	Recording a sequence	
	Replaying a sequence	
	Headland function and color display screen	
	Deleting a sequence with color display	
Α	utomated headland functions	
	Headland turn sequence	
	Universal Symbols	
	Recording a sequence	
	Replaying a sequence	
	Saving a sequence	
	Edit a sequence	
	Recalling a sequence	
	Deleting a sequence	6-49
TR	RANSMISSION	
	Full powershift transmission	6-52
	Foot throttle pedal	6-52
	Transmission operation	6-53
	Powershift transmission controls	
	Transmission shuttle shift lever	
	Setting the sharp shuttle function	
	Transmission display	
	Driving the tractor	
	Speed matching	
	Auto shifting field mode	
	Auto shifting in road mode	
	Setting the forward and reverse gear ratios	
	Creeper gears (where fitted)	
	Fault codes	
	Ground speed chart powershift transmission Ground speeds	6-72
DE	EAR POWER TAKE-OFF (PTO)	
INL	,	c <b>7</b> 7
	Power Take-Off (PTO) operating precautions	
	Changing the PTO output shaft	
	PTO operation	
	PTO operation PTO shiftable multi speed	
	i 10 silitable iliuli speed	0-00

Electronic PTO displays Electronic (where fitted)  External PTO controls	6-88
Auto PTO operation	6-90
FRONT POWER TAKE OFF	
PTO operation	
Auto F10 operation	0-90
REAR HITCH	
Electronic Draft Control (EDC)	
Settings and adjustments  Electronic Draft Control (EDC) operation	
External hitch controls	
FRONT HITCH	
Settings and adjustments	
Front hitch operation	
External hitch controls	
Auxiliary front couplers (where fitted)	
External controls for front couplers	
HYDRAULIC REMOTE CONTROL VALVES	
Remote control valves	6-129
Operating with remote valves	
ELECTRO-HYDRAULIC REMOTE CONTROL VALVES (wh	•
Remote control valves	
Valve priority	
Programming tractor functions	
Connecting remote cylinders	
Operating with remote valves	
Joystick operation with a front loader	
Mid mount remote valves EHR implement control setting	
External EHR controls	6-172
Transmission rear axle and hydraulic system oil level	6-173
HYDRAULIC POWER BEYOND PORT	<b>.</b> . — –
Power beyond circuit	
Power beyond valve - Static description	
1 0 1 0 1 0 1 0 1 0 1 0 1 1 1 1 1 1	

THREE POINT HITCH	
Attaching three-point hitch equipment	
Lift rod adjustment	
Top link adjustment	
Lower links	
Quick hitch	
Lower links	6-188
DRAWBARS AND TOWING ATTACHMENTS	
Drawbars and towing attachments	6-192
Swinging drawbar	
Automatic pickup hitch	
Automatic pickup hitch	
Rear trailer hitches	
TRAILER BRAKING SYSTEMS	0.040
Trailer brake release switch	6-213
Air-operated trailer brakes (Universal type)	
Air-operated trailer brakes (UK type)	
Air-operated trailer brakes (Italian type)	
Auxiliary air supply connector (where fitted)	
Hydraulic trailer brakes (Universal type - Dual line)	
Hydraulic trailer brakes (Universal type - Single line)	
Hydraulic trailer brakes (Italian type)	6-224
WHEEL TRACK ADJUSTMENT	
Front wheel track adjustment	6-225
Front wheel alignment	
Steering stops	
Front axle oscillation stops	
Front wheel fenders	
Rear wheel track adjustment	
Flange type axle (where fitted)	
Bar type axle (where fitted)	
Dual rear wheels (where fitted)	
BALLASTING AND TIRES	0.040
Ballasting and tires	
Iron weights (where fitted)	
Liquid ballast	
Tire inflation	
Tire pressures and permissible loads	6-25/
AUXILIARY POWER CONNECTIONS	
Diagnostic socket	6-259
Trailer electrical socket	
Electrical power connectors	

Ir	nternal power connectors 6	-261
E	External power connectors 6	-263
18	SO bus classes 6	-265
18	SO bus functionality6	-267
F	Reconfigurable inputs for ISO Bus function	-275
7 MAINT	FNANCE	
	RAL INFORMATION	
	duction	7-1
	requirement - Diesel fuel	
	- Storage, handling and transport	
	iesel fuel	
_	ne oil change	
	ective devicestor jacking pointstor jacking points	
	ne oils	
	eral specifications	
	acities	
	anic Acid Technology (OAT) coolant	
Orga	and Add Technology (OAT) coolant	7-12
MAINT	ΓENANCE CHART	
Main	tenance chart	7-13
WHEN	THE WARNING LAMP LIGHTS	
	ne air cleaner	7-15
J	system water separator	
	ck the brake fluid level	
01100		
FVFR'	Y 10 HOURS OR EACH DAY	
	ant level check	7-18
Chec	cking the engine oil level	7-19
Rem	ote valve collection bottle	7-19
	dscreen wash wipe	
Air re	eservoir	7-20
FIDST	50 HOURS	
	ice operations	7_21
OCIVI	ice operations	1-21
EVER'	Y 50 HOURS	
	air filters	
Seled	ctive Catalytic Reduction (SCR) system	7-25
	n the coolers	
	ase fittings	
	ck the front and the rear wheel nuts	
Tire i	inflation pressures	7-34
F\/FR	Y 100 HOURS	
	e belts - check	7-35

Drive belts - check	7-36
EVERY 300 HOURS	
Battery fluid level	7-37
Transmission oil level	
Handbrake	
Front PTO oil level	
Front axle oil - Four-Wheel Drive (4WD)	7-41
EVERY 600 HOURS	
Change engine oil and filter	7-42
Change the first stage fuel filter and the fuel filter element	
Engine air precleaner	
Charge pump hydraulic filter	
Check the air intake system	
Transmission	
DEF/AdBlue® in-line filter	
EVERY 1200 HOURS OR ANNUALLY	
Cab air filters	
Change the hydraulic suction pump oil filter	
Differential and planetary oil	
Front hubs - 4WD	
Front PTO change oil	
Grease the rear axle shaft bearing	7-54
EVEDY 1200 HOURS OR EVEDY 2 VEARS	
EVERY 1200 HOURS OR EVERY 2 YEARS  DEF/AdBlue® filter	7 55
DEF/AdBlue® filter	7-55
Engine tappet valve clearance	
Air-operated trailer brakes	
Poly (V) belts change	
Change transmission oil	
Change transmission oil	7-00
EVERY 2 YEARS	
Change the air conditioning receiver drier	7-61
	, 01
EVERY 1800 HOURS OR EVERY 2 YEARS	
Engine - breather filter replacement	7-62
EVERY 3600 HOURS OR EVERY 2 YEARS	
DEF/AdBlue® filter	7-62
	. 52
EVEDA 3800 MUIDO UD EVEDA 4 AEVDO	
EVERY 3600 HOURS OR EVERY 4 YEARS  Change the engine coolant fluid	7-63
Change the engine coolant lidiu	1-03

GENER	RAL MAINTENANCE	
Clean	ing the tractor	7-67
Fuel s	ystem water separator	7-69
	ing the fuel system	
Hydra	ulic system hoses	7-70
	Pedal	
Cab s	uspension, if equipped	7-71
Adjus	t the automatic pickup hitch	7-72
Headl	ight adjustment	7-73
Work	light adjustment	7-73
Bulb r	eplacement	7-74
	and relays	
Prote	cting the electronic and electrical systems during battery charging or welding	7-89
Batter	y removal and installation	7-90
STODA	·CE	
STORA	actor storage	7 02
	emoving the machine from storage	
IX	emoving the machine nom storage	1-92
8 TROUB	LESHOOTING	
FALILT	CODE RESOLUTION	
	troduction	. 8-1
ALARM	1(8)	
ALANIV		
,,		0.0
	Fault codes and symbols	. 8-2
	Fault codes and symbols	. 8-2
		. 8-2
	Fault codes and symbols	
	Fault codes and symbols	. 8-4
	Fault codes and symbols  OM(S)  Engine	. 8-4 . 8-5
	Fault codes and symbols  OM(S)  Engine  Transmission	. 8-4 . 8-5 . 8-6
	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes	. 8-4 . 8-5 . 8-6 . 8-6
	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab	. 8-4 . 8-5 . 8-6 . 8-6 . 8-7 . 8-7
	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes	. 8-4 . 8-5 . 8-6 . 8-6 . 8-7 . 8-7
	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab	. 8-4 . 8-5 . 8-6 . 8-6 . 8-7 . 8-7
SYMP	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system	. 8-4 . 8-5 . 8-6 . 8-6 . 8-7 . 8-7
SYMP1  9 SPECIF General din	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8
SYMP1  9 SPECIF General din General d	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS nensions imensions	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8
SYMP1  9 SPECIF General din General din Minimum	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions imensions turn radius	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8
9 SPECIF General din General d Minimum Axle dime	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions imensions turn radius nsion	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8
9 SPECIF General din General din Minimum Axle dime Maximum	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions imensions turn radius nsion permissible operating weights	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8 . 9-1 . 9-3 . 9-4 . 9-5
9 SPECIF General din General d Minimum Axle dime Maximum Tractor w	Fault codes and symbols  OM(S)  Engine Transmission Hydraulics Three-point hitch Brakes Cab Electrical system  ICATIONS nensions imensions turn radius nsion permissible operating weights eights	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8 . 9-1 . 9-3 . 9-5 . 9-5
9 SPECIF General din General di Minimum Axle dime Maximum Tractor w Capacitie	Fault codes and symbols  OM(S)  Engine Transmission Hydraulics Three-point hitch Brakes Cab Electrical system  ICATIONS nensions imensions turn radius nsion permissible operating weights eights s	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8 . 9-1 . 9-3 . 9-4 . 9-5 . 9-5
9 SPECIF General din General din Minimum Axle dime Maximum Tractor w Capacitie Transmiss	Fault codes and symbols  OM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions imensions turn radius nsion permissible operating weights eights s sion - Capacity	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8 . 9-1 . 9-3 . 9-4 . 9-5 . 9-6 . 9-6
9 SPECIF General din General din Minimum Axle dime Maximum Tractor we Capacitie Transmiss Front axle	Fault codes and symbols  TOM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions imensions turn radius nsion permissible operating weights eights s sion - Capacity e system - Capacity	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8 . 9-1 . 9-3 . 9-4 . 9-5 . 9-6 . 9-6
9 SPECIF General din General di Minimum Axle dime Maximum Tractor w Capacitie Transmiss Front axle Engine	Fault codes and symbols  TOM(S)  Engine Transmission Hydraulics Three-point hitch Brakes Cab Electrical system  ICATIONS nensions imensions turn radius nsion permissible operating weights eights s sion - Capacity e system - Capacity	. 8-4 . 8-5 . 8-6 . 8-7 . 8-7 . 8-8 . 9-1 . 9-3 . 9-4 . 9-5 . 9-5 . 9-6 . 9-6 . 9-6
SYMP7  SYMP7  SYMP7  General din General din Minimum Axle dime Maximum Tractor w Capacitie Transmiss Front axle Engine Transmiss	Fault codes and symbols  TOM(S)  Engine  Transmission  Hydraulics  Three-point hitch  Brakes  Cab  Electrical system  ICATIONS  nensions imensions turn radius nsion permissible operating weights eights s sion - Capacity e system - Capacity	. 8-4 . 8-5 . 8-6 . 8-7 . 8-8 . 9-1 . 9-3 . 9-5 . 9-5 . 9-6 . 9-6 . 9-7 . 9-8

	Front Power Take-Off (PTO)	9-10
	Hydraulic system	9-11
	Three-point hitch	
	Remote control valves	
	Three-point hitch	
	Brakes	
	Steering	
	Electrical equipment	
	Minimum hardware tightening torques	
10	ACCESSORIES	
	Radio (where fitted)	10-1
	External rear view mirrors	10-2
	Auxiliary head lights and signature lights	10-4
	Rotating beacon	10-4
	Front-end loader fixation points	
11	FORMS AND DECLARATIONS	
• •	Service record 1st 50 hour, Owner copy	11-1
	Service record 1st 50 hour, Dealer copy	
	Telematics module declaration of conformity	
	relematios module declaration of comornity	11-4

## 1 - GENERAL INFORMATION

## Metric and imperial units abbreviations

Typical applications	Metric unit		Imperial unit	
	Name	Symbol	Name	Symbol
A (1 1 )				
Area (Land area)	T		T	
	hectare	ha	acre	ac
	square meter	m²	square foot	ft²
			square inch	in²
51 4 1 11	square millimeter	mm²	square inch	in²
Electricity		· .	1	
	ampere	A	ampere	A
	volt	V	volt	V
	microfarad	μF	microfarad	μF
	ohm	Ω	ohm	Ω
Force	I		Т .	
	kilonewton	kN	pound	lb 
	newton	N	pound	lb
Force per length				
	newton per meter	N/m	pound per foot	lb/ft
			pound per inch	lb/in
Frequency				
	megahertz	MHz	megahertz	MHz
	kilohertz	kHz	kilohertz	kHz
	hertz	Hz	hertz	Hz
Frequency - Rotational				
	revolution per minute	r/min	revolution per minute	r/min <sup>a</sup>
	·	rpm	1	rpm
Length				
	kilometer	km	mile	mi
	meter	m	foot	ft
	centimeter	cm	inch	in
	millimeter	mm	inch	in
	micrometer	μm		
Mass				
	kilogram	kg	pound	lb
	gram	g	ounce	OZ
	milligram	mg		
Mass per mass				
	milligram per kilogram	mg/ kg	parts per million	ppm
Power	· · · · · · · · · · · · · · · · · · ·			
	kilowatt	kW	horsepower	Нр
	watt	W	Btu per hour	Btu/hr
			Btu per minute	Btu/min
Pressure or stress (Force	per area)			
111111111111111111111111111111111111111	kilopascal	kPa	pound per square inch	psi
	opaccai	Ι Δ	inch of mercury	inHg
	pascal	Pa	inch of water	inH2O
	megapascal	MPa	pound per square inch	psi
	millibar	mbar	pouria per square men	ροι
	bar	bar		
	<u>Dai</u>	vai		

Typical applications	Metric unit		Imperial unit		
	Name	Symbol	Name	Symbol	
Temperature (other than th					
	degrees Celsius	°C	degrees Fahrenheit	°F	
Time					
	hour	h	hour	h	
	minute	min	minute	min	
	second	S	second	S	
Torque (includes bending n	noment, moment of force, an			1	
	newton meter	N m	pound foot	lb ft	
			pound foot	lb in	
Velocity					
	kilometer per hour	km/h	mile per hour	mph	
	meter per second	m/s	foot per second	ft/s	
	millimeter per second	mm/s	inch per second	in/s	
	meter per minute	m/min	foot per minute	ft/min	
Volume (includes capacity)					
	cubic meter	m³	cubic yard	yd³	
				cu yd	
	liter	I	cubic inch	in³	
	liter		US gallon	US gal	
			UK gallon	UK gal	
			US quart	US qt	
			UK quart	UK qt	
	milliliter	ml	fluid ounce	fl oz	
Volume per time (includes	discharge and flow rate)				
	cubic meter per minute	m³/min	cubic foot per minute	ft³/min	
	liter per minute	l/min	US gallon per minute	US gal/min	
	milliliter per minute	ml/min	UK gallon per minute	UK gal/min	
Sound power level and sou			· · · · ·	·	
·	decibel	dB	decibel	dB	
Water hardness					
	German hardness	°dH	English hardness	°e	
	French hardness	°fH	parts per million	ppm	

## Glossary

Acronym	Definition
DEF	Diesel Exhaust Fluid
ISO	International Organization for Standardization
MSDS	Material Safety Data Sheet
NOx	Nitrogen Oxide
PPE	Personal Protective Equipment
SCR	Selective Catalytic Reduction
ULSD	Ultra Low Sulfur Diesel
%	Percent
<	Less than
>	Greater than

#### To the owner

#### GENERAL INFORMATION

This manual has been prepared according to ISO 3600:1996 to assist you in the correct procedure for running-in, driving and operating and for the maintenance of your new tractor. Read this manual carefully. Your tractor is intended for use in normal and customary agricultural applications.

If at any time you require advice concerning your tractor, do not hesitate to contact your authorised dealer. He has factory trained personnel, genuine manufacturers' parts and the necessary equipment to carry out all your service requirements.

The specification are provided for your information and guidance. For further information concerning your tractor and equipment, consult your authorised dealer.

All data given in this manual is subject to production variations. Dimensions and weight are approximate only. The illustrations do not necessarily show tractors in standard condition or imply that these features are available in all countries. For exact information about any particular tractor, please consult your authorised dealer.

Your tractor has been designed and built to give maximum performance, economy and ease of operation under a wide variety of operating conditions. Your tractor fulfills all requirements as specified in the Regulation (EU) No 167/2013 of the European Parliament and of the Council. Prior to delivery, the tractor was carefully inspected, both at the factory and by your dealer to ensure that it reaches you in optimum condition. To maintain this condition and ensure trouble- free operation, it is important that the routine services, as specified on page **7-13** of this Manual, are carried out at the recommended intervals.

All persons training to operate, or who will operate this tractor should be old enough to possess a valid local vehicle operating permit (or meet other applicable local age requirements). These persons must demonstrate the ability to operate and service the tractor in correct and safe manner.

#### ABOUT THIS MANUAL

This manual gives information for use of your machine, as intended and under the conditions foreseen by the manufacturer during normal operation and routine service and maintenance.

Read and understand; keep it in good condition and always safely store it in the provided pocket in the back of your seat for later easy retrieval.

This manual does not contain all the information related to periodical service, converting and repairs to be carried out by professional service personnel. The Table of Contents page(s) are provided to have an overview of main manual's topics. A detailed alphabetic index is available at the end of this manual for locating specific items.

#### **Normal operation**

- Normal operation means the use of the tractor for the purpose intended by the manufacturer by an operator familiar with the tractor and the mounted or towed equipment and complying with the information for operation and safe practices, as specified by the manufacturer in this manual and by the decals on the tractor and the equipment.
- Normal operation includes the preparation and storage of the tractor, swinging components into work position and vice versa, adding or removing ballast and picking up and setting off attachments.
- Normal operation includes the adjustment and setting of the tractor and equipment, for the specific condition of the field and/ or the crop.

#### Routine service

 Routine service and maintenance means activities that must be done daily by an operator familiar with the tractor characteristics and complying with the information for routine service and safe practices, as specified by the manufacturer in this manual and by decals on the tractor, in order to maintain its proper function. Routine service includes activities such as fueling, cleaning, washing, topping up fluid levels, greasing, replacing of consumable articles such as lamp bulbs.

#### Converting, periodical service and repair

- Periodical service means activities that must be done at defined intervals by trained personnel familiar with the tractor characteristics and which are complying with the information for periodical service and safe practices, as partly specified by the manufacturer in this manual and in other Company literature, in order to maintain the expected life time of the tractor.
- Converting means activities that must be done by professional service personnel familiar with the tractor characteristics and complying with the information for converting, as partly specified by the manufacturer in this manual, in assembly instructions or in other Company literature, in order to fit the tractor to a specific configuration.
- Repair means activities that must be done by professional service personnel only familiar with the tractor characteristics and complying with the information for repair, as specified by the manufacturer in the dealer's workshop manual, in order to restore the proper function of the tractor after a failure or degradation of performance.

Thank you so much for reading. Please click the "Buy Now!" button below to download the complete manual.



After you pay.

You can download the most perfect and complete manual in the world immediately.

Our support email: ebooklibonline@outlook.com