ORIGINAL INSTRUCTIONS

Farmall 105U Farmall 115U Tractor

OPERATOR'S MANUAL

Part number 47444248

1st edition English February 2013



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1 - GENERAL INFORMATION

Note to the Owner

This manual contains information concerning the adjustment and maintenance of your new equipment. You have purchased a dependable machine, but only by proper care and operation can you expect to receive the performance and long service built into this equipment. Please have all operators read this manual carefully and keep it available for ready reference.

Your CASE IH AGRICULTURE dealer will instruct you in the general operation of your new equipment. Your dealer's staff of factory-trained service technicians will be glad to answer any questions that may arise regarding the operation of your machine.

Case IH Max Service is also available. Call 1-877-4CASEIH (1-877-422-7344) or email: maxservice.na@cnh.com.

Your CASE IH AGRICULTURE dealer carries a complete line of genuine CASE IH AGRICULTURE service parts. These parts are manufactured and carefully inspected to insure high quality and accurate fitting of any necessary replacement parts. Be prepared to give your dealer the model and product identification number of your new equipment when ordering parts. Locate these numbers now and record them below. Refer to the 'General Information' section of this manual for the location of the model and product identification numbers of your machine.

PLEASE RECORD THE FOLLOWING INFORMATION

Model:

Product Identification Number (PIN):



This is the safety alert symbol. It is used with and without signal words to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible death or injury.

▲ WARNING

Illustrations in this manual may show protective shielding open or removed to better illustrate a particular feature or adjustment.

Replace all shields before operating the machine.

Failure to comply could result in death or serious injury.

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Engine tampering statement:

ATTENTION: The fuel system and engine on your machine are designed and built to government emissions standards. Tampering by dealers, customers, operators and users is strictly prohibited by law. Failure to comply could result in government fines, rework charges, invalid warranty, legal action and possible confiscation of the machine until rework to original condition is completed. Engine service and/or repairs must be done by a certified technician only!

Improvements

CNH America LLC is continually striving to improve its products. We reserve the right to make improvements or changes when it becomes practical and possible to do so, without incurring any obligation to make changes or additions to the equipment sold previously.

Proposition 65

CALIFORNIA Proposition 65 Warning

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

Battery posts, terminals and related accessories contain lead and lead compounds.

Wash hands after handling.

Electro-magnetic interference (EMC)

Interference may arise as a result of add-on equipment which may not necessarily meet the required standards. As such interference can result in serious malfunction of the unit and/or create unsafe situations, you must observe the following:

- The maximum power of emission equipment (radio, telephones, etc.) must not exceed the limits imposed by the national authorities of the country where you use the machine.
- The electro-magnetic field generated by the add-on system should not exceed **24 V/m** at any time and at any location in the proximity of electronic components.
- The add-on equipment must not interfere with the functioning of the on board electronics.

Failure to comply with these rules will render the [brand] warranty null and void.

International symbols

TYPICAL	RECOMMENDED	SI (METRIC) UNITS	IMPERI	IMPERIAL UNIT	
APPLICATIONS	NAME	SYMBOL	NAME	SYMBOL	
			•		
AREA					
	hectare	ha	acre	ha	
	square meter	m²	square foot	ft²	
			square inch	in²	
	square millimetre	mm²	square inch	in²	
ELECTRICITY					
	ampere	Α	ampere	Α	
	volt	٧	volt	V	
	microfarad	μF	microfarad	μF	
	ohm	Ω	ohm	Ω	
FORCE					
	kilonewton	kN	pound	lb	
	newton	N	pound	lb	
FORCE PER LENGT					
	Newton metres	Nm	pound inch	lb in	
FREQUENCY					
	megahertz	MHz	megahertz	MHz	
	kilohertz	kHz	kilohertz	kHz	
	hertz	Hz	hertz	Hz	
FREQUENCY - ROTA					
	revolution per minute	r/min	revolution per minute	r/min ^a	
		rpm		rpm	
LENGTH	T	-	_		
	kilometre	km	mile	mi	
	meter	m	foot	ft	
	centimetre	cm	inch	in	
	millimetre	mm	inch	in	
	micrometer	μm			
MASS	T	Т.	T .	T	
	kilogram	kg	pound	lb	
	gram	g	ounce	OZ	
	milligram	mg			
POWER	T	T	T.	1	
	kilowatt	kW	horsepower	Нр	
	watt	W	Btu/hour	Btu/hr	
		• •	Btu/minute	Btu/min	
PRESSURE or STRE	SS (FORCE PER ARE	,	1	1 -	
	kilopascal	kPa	pound per square inch		
		T	inch of mercury	inHg	
	pascal	Pa	inch of water	inH2O	
	megapascal	MPa	pound per square inch	psi	

1 - GENERAL INFORMATION

TYPICAL	RECOMMENDED S	SI (METRIC) UNITS	IMPERI	AL UNIT	
APPLICATIONS	NAME	SYMBOL	NAME	SYMBOL	
TEMPERATURE (other	TEMPERATURE (other than THERMODYNAMIC)				
	degrees Celsius	°C	degrees Fahrenheit	°F	
TIME					
	hour	h	hour	h	
	minute	min	minute	min	
	second	S	second	s	
TORQUE (includes BE		MENT OF FORCE, and	d MOMENT OF A COU	PLE)	
	newton meter	N m	feet-pounds	lb ft	
			inch-pound	lb in	
VELOCITY					
	kilometre per hour	km/h	mile per hour	mph	
	meter per second	m/s	foot per second	ft/s	
	millimetre per second	mm/s	inch per second	in/s	
	meter per minute	m/min	foot per minute	ft/min	
VOLUME (includes CA	APACITY)				
	cubic meter	m³	cubic yard	yd³ (cu yd)	
	litre		cubic inch	in³	
	litre	I	US gallon	US gal	
			U.K. gallon	UK gal	
			US quart	US qt	
			U.K. quart	UK qt	
	millilitre	ml	fluid ounce	fl oz	
VOLUME PER TIME (includes DISCHARGE and FLOW RATE)					
	cubic meter per	m³/min	cubic foot per minute	ft³/min	
	minute .		·		
	litre per minute	l/min	US gallon per minute	US gal/min	
	millilitre per minute	ml/min	UK gallon per minute	UK gal/min	
SOUND POWER LEV	EL and SOUND PRES	SURE LEVEL			
	decibel	dB	decibel	dB	

Introduction

About this manual

▲ DANGER

Improper operation or service of this machine can result in an accident.

Do not operate this machine or perform any lubrication, maintenance, or repair on it until you have read and understood the operation, lubrication, maintenance, and repair information.

Failure to comply will result in death or serious injury.

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This manual gives information for use of your machine, as intended and under the conditions foreseen by the manufacturer during normal operat ion and routine service and maintenance. Read and understand; keep it in good conditions 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 proviced 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.

Spare Parts

"Non-original" spare parts have not been tested or authorised by the Manufacturer. Installment and/or use of such products may adversely affect the tractor's design specifications, thereby compromising operational safety. The manufacturer cannot be held responsible for any damage resulting from the use of "non-original" spare parts. No modifications may be made to the tractor without written authorisation from the Manufacturer.

Warranty

The tractor is guaranteed in accordance with current legislation in your country and in line with contractual agreements reached with the dealer at the time of sale. However, the warranty is no longer valid if the rules and instructions for the use and maintenance of the tractor, described in this Manual, are not observed.

Cleaning the tractor

Your tractor is an advanced machine, fitted with an electrohydraulic control system. Care must be taken when cleaning the tractor, especially if a pressurized water cleaner is used.

Never stand too close to the tractor or direct the water jet on electrical components, seals or intake openings, etc. Never direct jets of cold water at the hot engine or exhaust.



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