OPERATOR'S MANUAL

T8.275

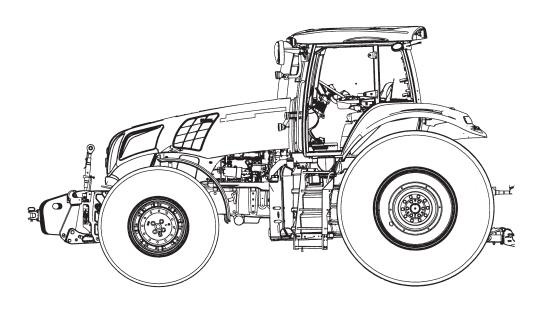
T8.300

T8.330

T8.360

T8.390

Tractor



Part number 84473470 Ist edition English March 2011



Contents

1	GENERAL INFORMATION	
	Your tractor	
	Tractor intended use	
	Manual storage	
	Product identification	
	Component location	
2	SAFETY INFORMATION	
	Safety rules and signal word definitions	. 2-1
	Read the Operators Manual	
	Safety rules - General	
	Safety rules - Air conditioning system	
	Safety rules - Basic operating	
	Safety rules - Battery	
	Safety rules - Driving on public roads	
	Safety rules - Electrical storm safety	
	Safety rules - Fire prevention	
	Safety rules - General maintenance	
	Safety rules - Hazardous chemicals	
	Safety rules - Implements, tools and trailers	
	Safety rules - Instructional seat	
	Safety rules - Mounting and dismounting	. 2-8
	Safety rules - Operator presence system	
	Safety rules - PTO operation	. 2-8
	Safety rules - Roll over and tip over	
	Safety rules - Utility power lines	. 2-9
	Safety rules - Vehicle vibration	. 2-9
	Safety rules - Wheels and tires	2-10
	Roll over protective structure (ROPS)	2-11
	Safety decals	2-12
	Ecology and the environment	2-20
3	CONTROLS/INSTRUMENTS	
	ACCESS TO OPERATOR'S PLATFORM	
	Tractor access	3-1
	Tractor accessor	
	OPERATOR'S SEAT	
	Overview	. 3-2
	Control identification	. 3-3
	INSTRUCTOR'S SEAT	
	Overview	. 3-6

FORWARD CONTROLS Steering column	3-7
Front console	3-10
Pedal controls	3-12
LEFT-HAND SIDE CONTROLS	
Pneumatic trailer brake	3-14
DIQUIT LIAND OIDE CONTROL O	
RIGHT-HAND SIDE CONTROLS Armrest console	3-15
Multi function handle	3-17
Hand throttle lever	
Control panel	
Joystick	
Rear hitch controls	
Armrest compartment	
Adjusting the armiest console	3-37
REARWARD CONTROLS	
Fender console	3-38
Automatic temperature controls	
Automatic temperature control system	
Ventuation	0 40
OVERHEAD CONTROLS	
Interior lamps	3-47
EXTERIOR CONTROLS	2.40
Rear fender controlsFront hitch	3-46
INSTRUMENT CLUSTER	
Overview	
Status and warning icons	
Upper display	
Lower display	3-57
Keypad	
Setup menu	
Adjust menu	
Performance instrumentation	
4 OPERATING INSTRUCTIONS	
COMMISSIONING THE UNIT	

Before starting the engine	4-1
STARTING THE UNIT	
Normal engine starting	4-3
Cold starting aids	
Cold temperature operation	
STOPPING THE UNIT	
Stopping the engine	4-11
MOVING THE UNIT	
Powershift transmission	
Best practices for prolonged transmission life	
Inching pedal and throttle	
Transmission controls	
Upper display	
Driving the vehicle	
Setting default gears	
Ground speed management (GSM)	
Mechanical front drive (MFD)	
Differential lock system	
Suspended axle	
Ride control	
Headland management system	
5 TRANSPORT OPERATIONS	
ROAD TRANSPORT	5 4
Tractor warning lamps and SMV symbol	
Wide transport marker light Tractor warning lamps	
g ,	
Safe transport speed Implement warning lamps and SMV symbol	
Safety chain	
Galety Glain	5-7
SHIPPING TRANSPORT	
Securing the tractor for shipping	5-8
RECOVERY TRANSPORT	
Safety rules	5-9
Towing the tractor	

6 WORKING OPERATIONS

GENERAL INFORMATION Product overview	
REAR PTO	
Safety rules	6-2
Connecting the PTO	6-5
Interchangeable PTO shaft	6-6
Rear PTO operation	6-12
PTO fender switch operation	6-16
Auto PTO operation	6-17
FRONT PTO	
Front PTO operation	6-20
REAR HITCH	
Identification	
Link adjustment	
Hitch high clearance adjustment	
Sway limiter adjustment	
Lower link block adjustment	
Mechanical float adjustment	
Hitch quick coupler - Category III/IIIN	
Hitch quick coupler - Category IVN	
Hitch operation	
Hitch remote switch operation	
Position control operation	
Load control operation	6-53
Slip control operation	
Hitch set point	6-57
FRONT HITCH	
Overview	
Front hitch operation	6-59
DRAWBARS AND TOWING ATTACHMENTS	
Rear towing - Safety rules	
Drawbar capacity/position	
Adjusting the drawbar	6-72
AUXILIARY POWER CONNECTIONS	_
Auxiliary power and lighting	
Cab power connections	6-76
HYDRAULIC REMOTE CONTROL VALVES	-
Valve couplers and connections	6-78

Motor return circuit	
Power beyond circuit	
Flow capacity	
Hydraulic transport lock	
Operating the controls	
Remote valve display screens	
Remote hydraulic auto mode	
Auto depth control	
Joystick operation	6-97
BALLASTING THE TRACTOR	
Guidelines	6-101
Tire load and inflation charts	
Weights, cast metal and liquid	
Wheel slip and power hop performance	6-126
MECHANICAL FRONT DRIVE (MFD) AXLES	
Tire combinations and tread positions	6-129
Steering and oscillation stops	6-136
Tread and fender settings - standard MFD axles	6-142
Tread and fender settings - heavy duty MFD axles	6-147
Tread and fender settings - heavy duty class 5 MFD axles	6-154
Tread and fender settings - heavy duty class 5 suspended MFD axles	s 6-162
REAR AXLE	
Rear wheel installation	6 170
Rear wheel tread settings	
7 MAINTENANCE	
GENERAL INFORMATION	7.4
Safety rules	
Opening the hood	
Closing the hood	
Filling the fuel tank	
Battery access and service	
Tire and rim service	
Tractor jacking points	
Capacities	
Consumables - Engine oil	
Consumables - Diesel fuel	
Consumables - Coolant solutions	
Electrical component location	
Lamps and bulbs	
Maintenance chart notes	
MAINTENANCE CHART	

Maintenance Chart	7-27
At warning message display	
Air filter service icon/message	7-29
Fuel filter water separator	
Transmission oil filter switch	
Hydraulic oil filter switch	
First 10 to 50 hours	
Differential and planetary oil	7-37
Wheel bolt torque	
Weight bolt torque	
Every 10 hours or daily	
Engine oil level	7_38
Transmission oil level	
Engine coolant level	
Engine auxiliary fuel filter	
Air reservoir	
Rear hitch and front axle	7-43
Every 50 hours or weekly	
Engine fuel pre-filter	7-44
Every 100 hours	
Every 100 hours	7.45
Front hitch	7-45
Every 300 hours	
Battery water level (Note E)	7-47
Engine air intake hoses	7-49
Engine coolant level - deaeration tank	
Wheel bolt torque	
Weight bolt torque	
Front axle (Note A)	
Rear hitch (Note A)	
Fuel tank	7-64
Differential and planetary oil level (Note B)	
Transmission oil pressure	
Every 400 hours	
Cab air filter	7-69
Every 600 hours	
Engine oil and filter	7-72

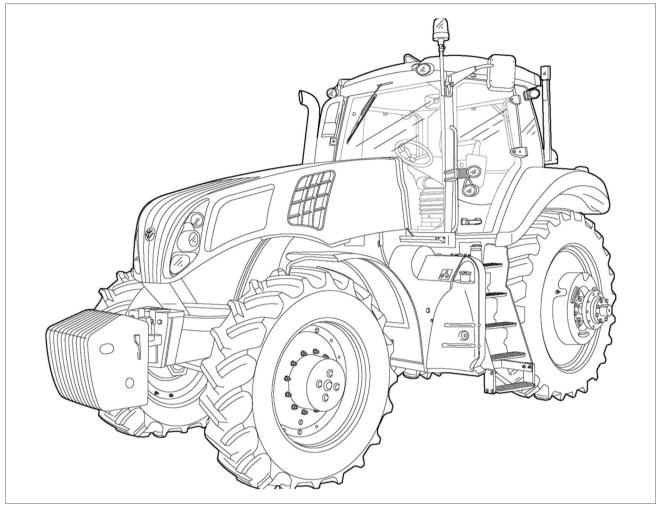
Engine coolant antifreeze protection	7-74
Engine coolant hoses and clamps	7-74
Engine primary fuel filter	7-77
Engine fuel pre-filter	
Fuel system bleeding	
Changeable PTO internal splines	
Front PTO oil and filter	
From A000 barres on an analysis	
Every 1000 hours or annually	
Pneumatic brake system dryer	7-87
Every 1200 hours or annually	
Differential and planetary oil	7_87
, , , , , , , , , , , , , , , , , , ,	
Engine air filters Engine air precleaner	
Engine all precieatier	
Every 1500 hours	
Transmission oil	7-98
Transmission oil filter	
Regulated transmission filter	
Engine crankcase filter	7-102
Every 2000 hours	
Engine coolant	7-106
Engine valve adjustment (Note C)	
Engine valve adjustment (Note O)	
E 0000 I	
Every 3000 hours	
Engine vibration damper (Note C)	7-109
Emergency steering system	7-110
Every 5000 hours	
Fuel injector nozzles (Note C)	7_111
1 del injector 11022160 (11016 0)	
As required	
Vehicle fire prevention	7-112
Engine primary air filter	7-113
Grille screen and radiator area	7-116
Fuel tank vent filter	
Transmission clutch and accumulator	
Tire pressure	
Fan beltCab suspension, if equipped	7-119 /
Remote valve collection bottle	
Engine auxiliary fuel filter	
Cab fabric and carpet	
Seat belt	
	111111111111111111111111111111111111111

STORAGE	
Tractor storage	
Removal from storage	7-128
FLECTDICAL CVCTEM	
ELECTRICAL SYSTEM Radio or audio system	7 120
Battery removal and installation	
Auxiliary battery connections	
Head light - Replace	
Grille work light	
Fender tail light and warning light	
Roof warning light	
Roof work light	
Belt line, roof or fender work light	
High intensity work light	
Wide transport marker light	
Rotating beacon light	7-150
Interior light - Replace	7-151
8 TROUBLESHOOTING	
ALARM(S)	
Display warnings overview	
Display warnings - Level 1	
Display warnings - Level 2	
Display warnings - Level 3	
Display warnings - Level 4	8-10
SYMPTOM(S)	
Engine symptoms	8-12
Transmission symptoms	
Hydraulic symptoms	
Hitch symptoms	
Brake symptoms	
Cab environment symptoms	8-18
Electrical power system symptoms	8-19
9 SPECIFICATIONS	
Engine specifications	9-1
Power train specifications	
Operating speeds	
Vehicle dimensions and shipping weight	
Maximum operating weight	

10 ACCESSORIES	
Front wheel fenders - Dynamic fenders	10-1
Farming system displays	10-8
Chemical tank mounting	
Loader connection and operation	
Trailer brake connections	
General accessories	10-14
11 FORMS AND DECLARATIONS	
Delivery report - owner copy	
Delivery report - dealer copy	11-2
First service - owner copy	
First service - dealer copy	11-6

1 - GENERAL INFORMATION

Your tractor



RCPH11CCH004FAB 1

Tractor intended use

T8. series tractors with standard equipment and authorized attachments, are intended to be used for customary farming, land leveling and related agriculture operations (intended use). Installation of utility (dozer) blades, tile plows, or push bars on the tractor is not recommended. Any tractor damage resulting from the installation and/or use of such equipment is not covered by the tractor warranty.

Consult an authorized dealer or CNH America LLC on changes, additions or modifications that can be required for this machine to comply with various regulations and safety requirements. Unauthorized modifications will cause serious injury or death. Anyone making such unauthorized modifications is responsible for the consequences.

The tractor is not designed for light/heavy forestry applications; usage is prohibited for forestry applications.

Do not use this machine for any purpose or in any manner other than as described in the manual, decals, or other product safety information provided with the machine. These materials define the machine's intended use.

Use in any other way is considered as contrary to the intended use. The manufacture accepts no liability for any damage or injury resulting from this misuse and these risks must be born solely by the user.

Engine and its systems

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!

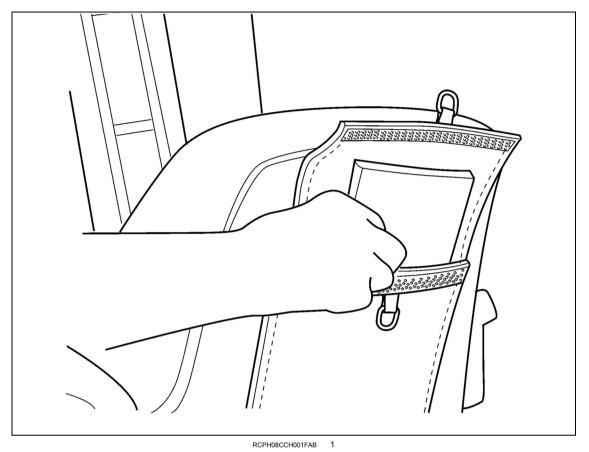
Electro-magnetic compatibility (EMC)

Electro-magnetic interference may result from add-on equipment which does not meet required standards. Such interference can result in a serious malfunction and/or create unsafe situations, and must be avoided by following these guidelines:

- The maximum power of emission equipment (radio, telephones, etc.) must not exceed the limits imposed by the governing authority 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.
- · Add-on equipment must not interfere with the functioning of the on board electronics.

Failure to comply with these rules will render the NEW HOLLAND warranty null and void.

Manual storage

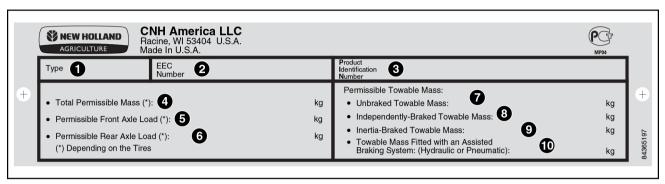


Keep the Operator's Manual in the storage compartment provided on your tractor. The Operator's Manual must be available for use by all operators.

Product identification

Tractor model and product identification number

Write your model number, product identification number (PIN) or serial number of major components on the lines provided. If needed, give these numbers to your dealer when you need parts or information for your machine.



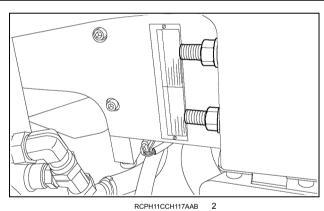
RCIL11CCH008EAA

1. Type	Permissible towable mass:
2. EEC number	• 7. Unbraked towable mass
3. Product identification number	8. Independently brakes towable mass
4. Total permissible mass	9. Inertia braked towable mass
5. Permissible front axle load	10. Towable mass fitted with an assisted braking
6. Permissible rear axle load	system (hydraulic or pneumatic)

Model:

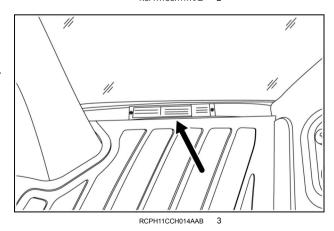
Serial number:

NOTE: Located on right hand front casting. Pin plate may be mounted vertically or horizontally.



Roll over protection system (ROPS) serial number

NOTE: Located on the right hand cab floor.



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