

ORIGINAL INSTRUCTIONS

OPERATOR'S MANUAL

T5.95

T5.105

T5.115

Electro Command™ - Tractor

Part number 48073064

5th edition English

December 2016

Replaces part number 47873817



Contents

1 GENERAL INFORMATION

Note to the Owner	1-1
Intended use.....	1-3
Manual scope and required training level	1-5
Metric and imperial units abbreviations.....	1-7
Identification plates	1-9
Approval data plate.....	1-13
Operator's manual storage	1-13
Machine orientation.....	1-14

2 SAFETY INFORMATION

Safety rules and signal word definitions	2-1
Safety rules - General information	2-2
Safety rules – Maintenance	2-2
Safety rules - Wheels and tires	2-3
Safety rules – Explosions and fires	2-4
Safety rules - Fire extinguisher	2-4
Safety rules – Battery	2-5
Safety rules - Passenger seat	2-5
Safety rules – Operator presence system	2-5
Safety rules - Power Take-Off (PTO)	2-6
Safety rules - Reflectors and warning lights	2-6
Safety rules - Seat belts	2-6
Safety rules - Operator protective structure	2-6
Safety rules - HVAC system	2-8
Safety rules - Personal Protective Equipment (PPE)	2-8
Safety rules - "Do not use" sign	2-8
Safety rules - Hazardous chemicals	2-8
Safety rules - Near utilities	2-9
Safety rules - In the event of electrical storms	2-9
Safety rules – Mounting and dismounting the machine	2-9
Safety rules - Lifting and overhead loads	2-10
Safety rules - Front end loader	2-10
Ecology and the environment	2-13
Noise level.....	2-14
Vibration levels	2-15
Towing the tractor for recovery	2-16
Tractor jacking points.....	2-17
Burn prevention.....	2-18
Emergency Exit.....	2-19
Wheel chocks.....	2-20
Safety signs	2-21

3 CONTROLS AND INSTRUMENTS

ACCESS TO OPERATOR'S PLATFORM

Mounting and dismounting	3-1
Getting to know the internal parts of the cab	3-2
External rear view mirrors	3-5
Clock adjustment	3-6

OPERATOR'S SEAT

Standard seat	3-7
Air seat "DELUXE" model	3-8
Air seat "PREMIUM" model	3-10
Seat belt	3-13

INSTRUCTOR'S SEAT

Instructional seat	3-14
--------------------------	------

FORWARD CONTROLS

Instrument cluster	3-15
Front controls	3-20

LEFT-HAND SIDE CONTROLS

Left side post controls	3-23
Handbrake	3-24

RIGHT-HAND SIDE CONTROLS

Right side post controls	3-25
Right-hand console	3-26
Heating, ventilation or air-conditioning control	3-28
Park lock	3-30

EXTERIOR CONTROLS

Exterior controls	3-31
-------------------------	------

DISPLAY SETTINGS

Performance windows	3-32
Programming tractor functions	3-36
Adjusting the dashboard/display brightness	3-37
Ground speed calibration	3-39
Setting the implement width	3-42
Programming maintenance work	3-43
Activating/deactivating buzzer	3-45
Setting units of measurement	3-46
Regenerating the diesel particulate filter (DPF) automatically/manually	3-47
Resetting the oil change counter	3-52
Viewing error codes	3-53
Display warnings overview	3-54

4 OPERATING INSTRUCTIONS

COMMISSIONING THE UNIT

Fuel supply	4-1
-------------------	-----

STARTING THE UNIT

Starting the engine	4-2
Coolant immersion heater (where fitted)	4-4
Transmission oil heater (where fitted)	4-5

STOPPING THE UNIT

Stopping the engine	4-6
Battery isolator control switch	4-7

MOVING THE UNIT

Machine movement start-up.....	4-8
Operating in cold temperatures.....	4-9
Low idle speed management.....	4-10

5 TRANSPORT OPERATIONS

ROAD TRANSPORT

Transporting the machine	5-1
--------------------------------	-----

RECOVERY TRANSPORT

Recovery and towing	5-2
Towing the tractor.....	5-3

6 WORKING OPERATIONS

GENERAL INFORMATION

Engine constant speed	6-1
Four wheel drive.....	6-2
Differential lock	6-4

Transmission

Transmission operation.....	6-7
-----------------------------	-----

Rear remote control valves

General safety rules	6-14
Auxiliary front couplers	6-15
Rear remote control valves.....	6-16

Mid-mount remote control valve

Mechanical Joystick	6-20
Electronic Joystick	6-21
Electronic Joystick	6-23

Rear Power Take-Off (PTO)

Safety rules	6-26
Changing the Power Take-Off (PTO) shaft	6-27
Attaching Power-Take Off (PTO) driven equipment	6-28
Independent Power Take-Off	6-29
Ground speed Power Take-Off	6-30
Power take-off speeds	6-31
Auto Power Take-Off (PTO) operation	6-32
Rear Power Take-Off (PTO) brake control - Operating	6-34
Power Take-Off (PTO) external controls	6-35

Front Power Take-Off (PTO)

Safety rules	6-36
Operating Instructions	6-36

Rear hydraulic lift

Safety precautions	6-38
Controls	6-39
Operating Instructions	6-43

Front hydraulic lift

Operating Instructions	6-48
------------------------------	------

Rear three-point hitch

Three-point hitch adjustments	6-49
Quick hitch	6-51
Additional equipment attachment points	6-53
Additional equipment attachment points	6-54

Three-point hitch front

Front hitch	6-55
Quick coupler	6-56

Towbar

Safety rules	6-57
Swinging drawbar	6-58

Towing hitch

Safety rules	6-59
Towing hitch	6-60
Automatic trailer hitch	6-62
Hydraulic towing hook	6-63
Hydraulic towing hook	6-65

Trailer braking systems

Hydraulic valve for trailer brakes (Universal type)	6-67
Hydraulic valve for trailer brakes (Italian type)	6-68
Trailer brake connections.....	6-70
Pneumatic trailer brake.....	6-71

Tires and wheels

Wheels and tires.....	6-74
Tire dimensions.....	6-78
Tire dimensions.....	6-80

Tread and fender settings - standard MFD axles

Track adjustment	6-81
Disc-to-rim coupling for front 4WD tires	6-82
Adjustment of the steering angles	6-83
Adjustment of the front mudguards.....	6-84
Adjustment of the dynamic front mudguards.....	6-85
Tire combinations and tread positions.....	6-86
Grassland tires	6-90

Ballasting

Safety rules.....	6-91
Metal ballast	6-92
Liquid Ballast	6-93

Power sockets

Power sockets	6-97
Diagnostic socket.....	6-98
Cab internal ISOBUS 11783.....	6-98
External ISOBUS 11783.....	6-99

7 MAINTENANCE

GENERAL INFORMATION

General safety before you service.....	7-1
Introduction	7-3
Body maintenance.....	7-4
Organic Acid Technology (OAT) coolant.....	7-6
Consumables	7-7
Capacities	7-8
Recommended engine oil for operating temperature ranges.....	7-9
Opening the hood	7-10

MAINTENANCE CHART

Maintenance chart.....	7-11
------------------------	------

As required

Engine coolant level - Check	7-13
Windshield washer fluid reservoir - Filling	7-13
Air conditioning - Check	7-13
Hand brake lever - Check	7-14
Remote control valves oil recovery pan - Check	7-14
Radiator - Cleaning	7-15
Brake pedals - Check	7-15
Wheels - Check	7-15
Hydraulic hoses – Check	7-16
Automatic pickup hitch - Adjust	7-16

AT WARNING MESSAGE DISPLAY

Engine air filter - Cleaning	7-17
Fuel filters - Drain fluid	7-19
Brake fluid reservoir - Filling	7-19
Engine oil and filter - Replace	7-19

Every 10 hours or daily

Engine oil level - Check	7-20
--------------------------------	------

After the first 50 hours of operation

Maintenance - Tighten	7-21
Maintenance - Check	7-21
Maintenance - Replace	7-21
Maintenance - Cleaning	7-22
Maintenance - Test	7-22
Maintenance - Grease	7-22

Every 50 hours

Rear three-point hitch - Grease	7-23
Tow hitch - Grease	7-23
Front axle system - Grease	7-24
Front hitch - Grease	7-24

Every 100 hours

Air-conditioning condenser - Cleaning	7-25
Transmission cooler - Cleaning	7-25
Aftercooler - Cleaning	7-26
Cab air filters - Cleaning	7-26
Cab air recirculation filter - Cleaning - Recirculation Filters	7-27
Alternator drive belt - Check - Alternator belt	7-27
Air conditioning compressor belt - Check - Air conditioner belt	7-28

Every 300 hours

Hydraulic oil filter - Replace	7-29
Auxiliary services oil filter - Replace	7-29
Hydraulic Oil Level - Check.....	7-30
Steering knuckle and king pin - Grease	7-30
Front axle oil level - Check	7-30
Final drive - Check	7-31
Engine air filter - Cleaning.....	7-32
Automatic pickup hitch - Grease	7-33

Every 600 hours

Engine oil and filter - Replace	7-34
Fuel filters - Replace	7-36
Wheels - Tighten	7-38

Every 1200 hours or annually

Cab air filters - Replace	7-39
Cab air recirculation filter - Replace - Recirculation Filters	7-39
Engine air filter - Replace.....	7-39
Wheel hub - Grease	7-40
Fuel tank - Drain fluid.....	7-41
Blowby recirculation filter - Replace	7-41

Every 1200 hours or two years

Final drive - Change fluid.....	7-42
Front axle oil - Change	7-42
Hydraulic oil - Replace	7-42
Alternator drive belt - Replace - Alternator belt	7-43
Air conditioning compressor belt - Replace - Air conditioner belt	7-43
Engine coolant (conventional type coolant) - Change fluid.....	7-44

Every two years

Receiver-dryer - Replace.....	7-46
-------------------------------	------

Every 3600 hours

Diesel Particulate Filters (DPF) - Replace.....	7-47
---	------

Every 3600 hours or four years

Engine coolant (OAT type coolant) - Change fluid	7-48
--	------

Electrical System

Battery - Check.....	7-49
Light adjustments.....	7-52
Hood lamp replacement	7-52

Fuses and relays - Replace	7-53
----------------------------------	------

Fuse and relay locations

Fuse and relay box - Replace	7-55
------------------------------------	------

STORAGE

Placing in storage	7-59
Removal from off-season storage	7-60

PTO

Clutch calibration	7-61
Clutch calibration fault codes	7-63

8 TROUBLESHOOTING

FAULT CODE RESOLUTION

Viewing error codes	8-1
Error code identification	8-1

SYMPTOM(S)

Troubleshooting engine	8-2
Electrical system - Troubleshooting electrical system	8-4
Transmission - Troubleshooting	8-5
Hydraulic systems - Troubleshooting HYDRAULIC SYSTEM	8-6
Rear three-point hitch - Troubleshooting	8-7
Hydraulic service brakes - Troubleshooting	8-8
Cab climate control - Troubleshooting	8-9

9 SPECIFICATIONS

Dimensions and weights	9-1
Maximum permitted loads on front and rear axle	9-3
Maximum permitted loads on drawbar	9-4
Maximum permitted loads on towing hitch	9-4
Consumables	9-5
Capacities	9-5
Engine oil temperature chart - Recommended engine oil for operating temperature ranges	9-6
16 x 16 transmission speed table	9-7
32 x 32 transmission speed table	9-8
Technical data	9-10

10 ACCESSORIES

Front loader support	10-1
Radio	10-2
Single piece ballast	10-12

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.

The NEW HOLLAND dealer will provide instructions on the general operation of new equipment. The dealer's staff, assigned to maintenance, is available for any questions related to the operation of the machine.

Your NEW HOLLAND dealer carries a complete line of genuine NEW HOLLAND 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 code and product identification numbers of your machine.

PLEASE RECORD THE FOLLOWING INFORMATION
Model :
Product Identification Number (PIN):



Warning 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.**

W0012A

The machine has been designed and built according to the highest standards of quality and it complies with all current safety regulations. However, the risk of accidents can never be completely excluded. That is why it is essential to observe elementary safety rules and precautions.

Read this manual carefully, paying particular attention to the instructions concerning safety, operation and maintenance so as to avoid the risk of injury while operating or servicing the machine.

Do not use this machine for any application or purpose other than those described in this manual. If the machine is to be used for work involving the use of special attachments, accessories or equipment, consult your NEW HOLLAND Dealer in order to make sure that any adaptations or modifications made are in keeping with the machine's technical specifications and with prevailing safety requirements.

Any modification or adaptation which is not approved by the manufacturer may invalidate the machine's initial conformity with safety requirements.

The machine must undergo regular inspections, the frequency of which varies according to the type of use. Consult your authorized NEW HOLLAND dealer.

Always keep this manual in the operator's compartment (in the seat back, behind the operator's seat). Make sure it is always complete and in good condition. To receive extra copies of the manual or copies in languages other than that of your country of residence, please contact your NEW HOLLAND dealer.

The manufacturer is committed to the constant improvement of 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.

NOTICE: *The information in this manual is provided on the basis of the information that was available at the time the manual was written. Settings, procedures, part numbers, software and other items may change, which may affect the maintenance of the machine. Ensure that you have complete and current information from your dealer before you start any machine operation. All data given in this book is subject to production variations.*

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 with this prohibition 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!*

Intended use

NOTE: *Your tractor is designed according to European directives related to health and safety risks; though it has been designed to minimize all the potential risks it is mandatory to carefully read, understand and observe all the decals and labels and to always refer to information and prescriptions outlined in this manual to prevent all residual potential risks. In case you may need further assistance please do not hesitate to contact your dealer.*

Your tractor is designed and made to pull, to carry and to power a variety of mounted or towed equipment, although within some physical limits. The working speed and performance may depend on a number of various parameters, such as weather and terrain conditions. Though the tractor is designed to perform in combination with a variety of equipment, there may be a number of combinations of above parameters, for which there is severe degradation of performance of the tractor and/or its mounted or trailed equipment. If you notice degradation of performance, contact your dealer for assistance, he may have useful information for improvements, or a kit may be available to enhance the performance.

Please carefully read and consider following precautions:

- Do not use the tractor for purposes other than those intended by the manufacturer and outlined in this manual.
- Do not use the tractor beyond its limits of terrain gradient and stability. Using the tractor beyond these limits may result in a roll-over or a tip-over. Observe the recommendations given in this manual.
- Do not use the tractor on higher speeds than allowed by the load and the environment. A wet surface or other low adherence conditions may increase the braking distance or result in vehicle instability. Always adapt your traveling speed according to the load of the vehicle and the characteristics of the road
- Do not use the tractor near or on soft verges of canals and brooks or banks and verges that are undermined by rodents. The tractor may sink sideways and roll over.
- Do not use the tractor on unstable bridge heads and poor bridge floors. These constructions may collapse and cause roll - over of the tractor. Always check the conditions and load capacity of bridges, crossings and ramps before driving over them.
- Do not use equipment mounted on the tractor which is not correctly matching and firmly fixed. The use of implements or accessories that have not been approved or are not correctly connected may increase the risk of roll-over of the tractor if they come loose. Ensure that the dimensions of the three- point linkage interface of both the tractor and the equipment are matching according to the categories defined in ISO 730. Ensure that the dimensions and speed of the PTO shaft on the tractors are matching those of the equipment.
- Do not use the tractor in combination with equipment, without having consulted the specific Operator's Manual provided with the equipment. The tractor is a universal tool to carry, tow and drive a variety of equipment. This manual alone cannot provide you with all the information required for the safe operation of the combination.
- Do not use the tractor for pulling work, in cases where you do not know whether the load will yield, for instance when pulling stumps; the tractor may flip over when the stump is not yielding.
- Be cautious that the centre of gravity of the tractor may increase when loads on the front – end loader or the three point linkage are raised. In these conditions, the tractor may roll – over earlier than expected.
- Do not step down from the tractor without shutting down the PTO, shifting the transmission to park or neutral and applying the park brake, unless continued PTO operation is required for some equipment, such as pumps or wood chippers. The latter equipment may have an emergency stop device on the equipment itself, as human intervention is needed during operation. But other equipment, engaged and driven by the tractor will have no means to stop the power transmission, other than the PTO clutch of the tractor.
- You shall take the necessary precautions (e.g. assistance) to always be aware of the possible presence of bystanders, certainly when manoeuvring in confined areas, such as the farm yard and sheds. Keep people away from the tractor during work. Ask bystanders to leave the field. There is not only the risk to be overrun by the tractor, but objects ejected by some equipment mounted on the tractor, such as a rotary mower, may cause harm. Stones may be thrown further than the mowed crop. Pay the necessary attention while operating next to public roads or footpaths. Thrown objects can get projected outside the field and hit unprotected people like bikers or pedestrians. Wait to cut the edge of the field till it is clear of bystanders.
- Do not allow riders on the tractor; do not allow people to stand on the access step to the cab when the tractor is moving. Your view to the left will be obstructed and a rider risks falling from the tractor during unexpected or abrupt movements.
- Always stay clear from the implements operating area and especially do not stand between the tractor and the implement or the trailed vehicle when operating lift controls; ensure no bystanders are near these operating areas.
- Certain functions of your tractor are controlled by software and some of them are safety-related. Do not attempt to modify or download software not certified and distributed by the manufacturer. Electronic settings and logics may be destroyed and seriously affect the function of the tractor. This may result in unpredictable and unsafe behaviour of the tractor. Always refer to your dealer; he has the appropriate tools and data sets and owns the officially released software versions and updates for your tractor.

- Your tractor may be equipped with a number of sensors to control safety functions. Tripping these sensors will result in a safe operation mode. Do not attempt to bypass any function on the tractor. You will be exposed to serious hazards, and moreover, the behaviour of the tractor may become unpredictable.
- The tractor has only one operator station and this is a one man operated vehicle. There is no need for other

people on or around the tractor during normal operation. Do not allow people standing on the access way to the cab when the tractor is moving. Your view to the left will be obstructed and a rider risks to fall from the tractor during unforeseen or abrupt movements.

Manual scope and required training level

Introduction to this manual

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

This manual does not contain all the information that relates to periodic service, conversions, and repairs that only trained service personnel can perform. Some of these activities may require appropriate facilities, technical skills, and/or tools that NEW HOLLAND does not supply with the machine.

The manual contains the chapters as shown on the Contents pages. See the Index at the end of this manual to locate specific items about your NEW HOLLAND machine.

Normal operation

Normal operation consists of the use of this machine for the purpose NEW HOLLAND intends by an operator that:

- Is familiar with the machine and any mounted equipment or towed equipment
- Complies with the information on operation and safe practices as specified by NEW HOLLAND in this manual and by the signs on the machine

Normal operation includes:

- Preparation and storage of the machine
- Addition and removal of ballast
- Connection and disconnection of mounted equipment and/or towed equipment
- Adjustment and configuration of the machine and equipment for the specific conditions of the job site, field, and/or crop
- Movement of components into and out of working positions

Routine service and maintenance

Routine service and maintenance consists of the daily activities necessary to maintain the proper machine function. The operator must:

- Be familiar with the machine characteristics
- Comply with the information on routine service and safe practices as specified by NEW HOLLAND in this manual and by the signs on the machine

Routine service can include:

- Fueling
- Cleaning
- Washing
- Topping up fluid levels

- Greasing
- Replacing consumable items such as light bulbs

Periodic service, conversions, and repairs

Periodic service consists of activities that are necessary to maintain the expected life of the NEW HOLLAND machine. These activities have defined intervals.

Trained service personnel familiar with the machine characteristics must perform these activities at the defined intervals. Trained service personnel must comply with the information on periodic service and safe practices as partly specified by NEW HOLLAND in this manual and/or other company literature.

Periodic service includes:

- Oil change service for the engine, hydraulic circuits, or transmission
- Periodic exchange of other substances or components as required

Conversion activities rebuild the NEW HOLLAND machine in a configuration that is appropriate for a specific job site, crop, and/or soil conditions (e.g., installation of dual wheels). Conversion activities must be done:

- By trained service personnel familiar with the machine characteristics
- By trained service personnel that comply with the information on conversion as partly specified by NEW HOLLAND in this manual, assembly instructions, and/or other company literature

Repair activities restore proper function to a NEW HOLLAND machine after a failure or degradation of performance. Dismantling activities occur during the scrapping and/or dismantling of the machine.

Trained service personnel familiar with the machine characteristics must perform these activities. Trained service personnel must comply with the information for repair as specified by NEW HOLLAND in the service manual.

Before you operate

Read this manual before you start the engine or operate this NEW HOLLAND machine. Contact your NEW HOLLAND dealer if:

- You do not understand any information in this manual
- You need more information
- You need assistance

All persons training to operate, or who will operate this NEW HOLLAND machine should be old enough to possess a valid local vehicle operating permit (or meet other applicable local age requirements). These persons must

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