

NEW HOLLAND
TG210
TG230
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Maintenance and Delivery Guide

LOG BOOK



NEW HOLLAND

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SERVICING AND TRANSFER INSTRUCTIONS

New Holland's Commitment To Quality

This New Holland tractor is a product of the highest quality and reliability. Your New Holland dealer is at your disposal for advice and information.

Your New Holland dealer guarantees that this tractor is delivered in top condition by carrying out a Pre-Delivery Inspection before it reaches you. They will also give you a comprehensive introduction into a newly acquired tractor which ensures maximum benefits from the machine.

The purchase of this New Holland tractor gives the certainty of possessing a state-of-the-art machine of the highest quality. Its continued value, operation and reliability depend to a large extent on the regular service and care of this New Holland tractor.

Service Records

This document, kept up to date and complete, will provide a valuable record of the Service history of this machine for the future.

How To Use This Guide

This guide contains and explains all service measures prescribed by New Holland which must be carried out by the dealer and/or customer to ensure the tractors long term serviceability. Please read the guide and the Operators Manual carefully. Your New Holland dealer will help you with any questions.

The guide contains the following:

Pre-Delivery Inspection

This section details all points that require checking by the dealer before delivery to the customer.

Once this inspection has been carried out, the dealer must stamp and sign both your and their copy page (see page 6 and page 7) for verification.

Tractor Transfer To Customer

This section contains key information to be explained by a dealer technician concerning safety, servicing and operation of your tractor.

This explanation DOES NOT replace the Operators Manual. The Operators Manual contains in-depth procedures on the safe operation, adjustment and servicing of a New Holland tractor.

Once the transfer of the tractor to you has been completed, the dealer technician must stamp and sign both your and their copy page (see page 12 & page 13); and also obtain your signature for verification.

Service Schedules

This section contains:

1. Non regular servicing which must be carried out before the First 300 Hour Service.
2. The First Service MUST be carried out by the dealer after the first 300 hours of tractor operation. The dealer must stamp and sign both your and their copy page (see page 18 & page 19) for verification.
3. Regular servicing (Interim Services) as detailed on page 21, must be carried out by either the Dealer or Customer. The Service action must be logged in the Service record on the relevant page beginning at page 23.
4. For warranty conditions it is recommended the Main Service, at every 1200 hours, be carried out by the dealer. The relevant Service Record (see page 23), must be stamped and signed to safeguard tractor warranty.

Maintaining Your Tractor

This section explains that even after the warranty period has expired, it is important to continue with regular services; and also, the importance of always using original New Holland replacement parts, oil, lubricants, coolants etc.

PRE-DELIVERY INSPECTION

All points mentioned below are to be checked by the dealer technician and if necessary, corrected prior to the delivery of the machine to the customer. The technician must check off each item in the space provided and stamp and sign in the boxes on pages 9 to 11, when inspection is complete.

(Please find exact details of checking procedures in the Operators Manual).

1.	Initial Inspection	
A.	Check the tractor specification and equipment against the customer's order.	
B.	Verify that the Operator's Manual and the Operational Video (if equipped) are with the tractor.	

2.	General	
A.	Check the hood release function.	
B.	Adjust the front and rear wheel tread setting to the customer's specification.	
C.	Check torque of all wheel bolts/nuts: Front Wheels. - Wheel to Hub = 385-425 Nm (285-315 lbs ft). - Rim to Disc = 298-366 Nm (220-270 lbs ft). Rear Wheels. - Wheel to Hub = 530-570 Nm (390-420 lbs ft). - Hub to Bushing = 300-350 Nm (220-260 lbs ft).	
D.	Check tightness of all bolts/nuts: Front Weight Bracket = 610-730 Nm (450-540 lb ft). Rear Wheel Weights: - Grade 5 bolts = 180-230 Nm (130 - 170 lb ft). - Grade 8.8 bolts = 190-240 Nm (140-175 lb ft). - Grade 10.9 bolts = 270-350 Nm (200-260 lb ft).	
E.	Check static weight distribution and ballast per the customer's requirements.	
F.	Inspect the tires and adjust inflation pressure per the Operator's Manual.	
G.	Check for external oil leaks.	

3.	Fluid Levels	
A.	Check the coolant level (visual check of the coolant reservoir bottle) and protection level.	
B.	Check the engine oil level.	
C.	Check the transmission oil level.	
D.	Check the MFD differential oil level.	
E.	Check the MFD planetary oil levels.	

4.	Steering	
A.	Check front wheel Toe-in. = 0-3 mm (0-0.125 in).	
B.	Check the steering stop adjustment and oscillation angle to assure proper clearance to all tractor components.	
C.	Check for proper installation and operation of front wheel fenders.	

5.	Engine	
A.	Check the condition, sealing and tightness of all hose clamps between the air cleaner, the turbocharger and the engine.	
B.	Check the condition, sealing and proper seating of the two air to air after cooler elbows, and tightness of the eight hose clamps on the air to air after cooler.	
C.	Check the tension on the air brake compressor belt (if equipped): New belt = 623 to 711 N (140 to 160 lb).	

6.	Electrical	
A.	Check battery cable connections for tightness.	
B.	Check that battery hold downs are secure.	
C.	Check the operation of all lights, turn signals, flashers, horn, radio, starter and alternator.	

7.	Safety	
A.	Check the operation of the neutral start circuit (tractor must only start in PARK).	
B.	Remove protective covering from the Slow Moving Vehicle sign (if equipped).	
C.	Verify that all warning decals and guards are in place.	

8.	Transmission	
A.	Check the operation of the inching pedal.	
B.	Check the operation of the foot brakes and brake pedal interlock.	
C.	Drive the tractor and check gear engagement of all forward and reverse gears by using the gear selector switch, including shuttle shifting between forward and reverse.	
D.	Check the operation of creep (if equipped).	
E.	Check the operation of the differential lock (refer to the Operator's Manual).	
F.	Check the operation of the MFD (refer to the Operator's Manual).	
G.	Check the operation of the PTO (refer to the Operator's Manual).	
H.	Verify that the park brake is functional.	

9.	Cab	
A.	Check window and cab door latch operation.	
B.	Check the operation of the cab pressurization fan (this fan is located behind the steps, by the cab air filter and runs whenever the key switch is ON).	
C.	Check the operation of the arm rest console knob to verify that the console can be adjusted fore and aft.	
D.	Check the operation of all seat controls and the seat heater (if equipped).	
E.	Check the operation of the heater and air conditioning system (Automatic Temperature Control, if equipped).	
F.	Check for proper operation of the seat belt (if equipped).	
G.	Set outside mirrors (NOTE mirrors are shipped upside down to provide shipping clearance - turn mirrors 180 degrees).	
H.	Check the operation of the power mirrors (if equipped).	
I.	Check the operation of the instrumentation and gauges.	
J.	Check and verify the correct calibration of all controllers.	
K.	Check, correct and erase all fault codes on the programmable display (NOTE: PTO fault code 10031 may reappear - this is OK).	

10.	Hydraulics	
A.	Check the operation of all hitch controls (refer to the Operator's Manual).	
B.	Check the remote hitch switch(es) for proper operation.	
C.	Check that the timer control (kick out), functions for all remotes (refer to the Operator's Manual).	

11.	Final Preparation	
A.	Lubricate the complete tractor (refer to the Operator's Manual).	
B.	Clean entire tractor and touch up paint as needed.	

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