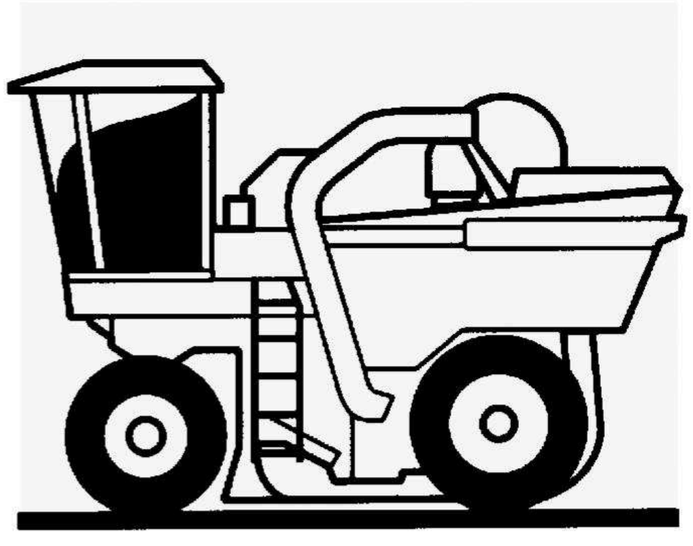


NEW HOLLAND

BRAUD

SB65

REPAIR MANUAL

NEW HOLLAND AGRICULTURE

SERVICE

Print no. 604 82 281 00
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SPECIFICATIONS

Chapter 1

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SB65 WITH TWO HOPPERS, HIGH VERSION
AXLE CLEARANCE 2.20 m

A Retainer, 100 mm, increasing the frame height by 200 mm
B Sloping correction, 600 mm
C Sliding shaking transmission to get a clearance by 2265 mm under the cover, with harvesting equipment in low position.
D Max. clearance height limited
by the frame front beam
and by the rear cross-piece
at min. 2215 mm
max. 2815 mm
E Clearance width at the leaves entry: 700 mm

1 Shaking frame

- shaking plates
  34 holes, useful height 1650 mm,
- 24 shakers
  22 straight link rods
  2 elbow link rods
- 240-mm extension

2 Norias

- 67 buckets with long spout,
- clearance in the stake-guide,
  195 ÷ 400 mm
- clearance (E) in the entry sheets,
  700 mm

3 Lift retainer

4 Lower extractors

- diameter 430 mm
- independent stalk choppers,
  released in washing position

5 Sliding drive

- shaking control

6 Left and right hoppers

- capacity 1600 liters
- extractor, diameter 460 mm, with removable stalk chopper.
- leaf evacuation chute, on the side
- leaf evacuation chute, at the back

7 Harvesting conveyors

- width 600 mm

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DESCRIPTION OF THE FAULT	TROUBLESHOOTING METHOD	REMEDY
Lifting and sloping		
	Caution! Do not disassemble a line of the lifting circuit if the machine is not at the mechanical end of stroke on all the 4 wheels.	
The machine does not lift anymore on one of the two sides.	Check if all the involved electric distributors are supplied. Check if the steering operates correctly.	– See the section Electrical systems. – Check the pump coupling next to the engine distribution.
The machine hardly lifts when it is loaded.	Check the pressure. For this purpose: – put a pressure gauge in **(105)**. – With the motor at max. speed, lift the machine as much as possible. – When it is at the end of stroke of the rear cylinders, the pressure must be: • 210 bar for equipment with hopper at max. capacity.	– Adjust the pressure through the limiter **(102)**.
	– On this occasion, also check the pressure of the limiter **(104)**. For this purpose: • leave the pressure gauge in **(105)**, • with the motor at max. speed, lift the machine as much as possible. • When it is at the end of stroke of the rear cylinders, the pressure must be 125 bar.	– Adjust the pressure through the limiter **(104)**.
	– If the lifting pressure cannot be obtained (210 bar), check the pump conditions. For this purpose: • connect a hydraulic tester to the outlet of the pump **(111)** and check its capacity, that must be about 22 l/min.	– Replace the pump **(192)**.
The machine lifts on one side and not on the other one.	Check the power supply to the concerned electric distributors.	– See the section Electrical systems.
	Check the operation of the capacity divider **(103)**.	– Remove the divider **(103)** and check if the slide valve operates correctly.
	Check the conditions of the nozzles **(B)**.	– Clean the nozzles.

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CAB WIRING DIAGRAM

C1	Connector to the self-propelled tractor cable harness
C2	Windscreen wiper and washer switch
C3	Cab revolving beacon
C4	Windscreen washer motor
C5	Windscreen wiper motor
C6	Inside reading light
C7	Radio presetting
C8	Radio presetting
C9	Cab work lights
C10	Work light switch
C11	Work light switch
C12	Cigarette lighter
C13	Temperature control system relay
C14	BORLETTI temperature control system
C15	Compressor control relay
C16	Dehydrator pressure switch
C17	Compressor
C19	Cab rear work light
C20	Diode

FUSES

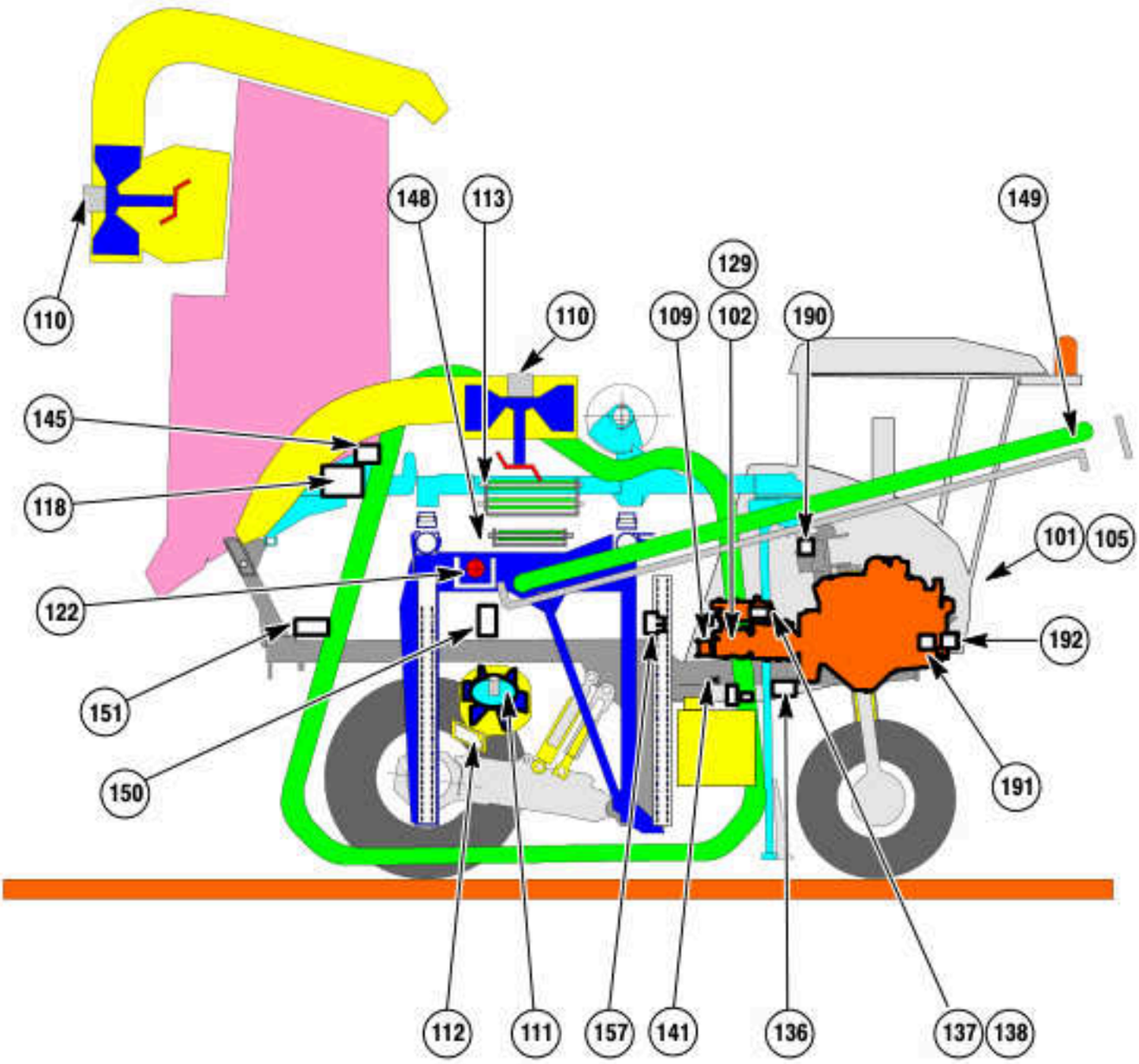
No. 1	7.5 A climate control system safety
No. 2	7.5 A climate control compressor
No. 3	25 A climate control unit powering
No. 4	15 A cigarette lighter
No. 5	15 A work lights
No. 6	15 A work lights
No. 7	7.5 A dome light - reading light - radio
No. 8	5 A windscreen wiper and washer

M5	Ground placed in the upper left corner of the cab
MP	Ground plait of the platform and intermediate frame/cab

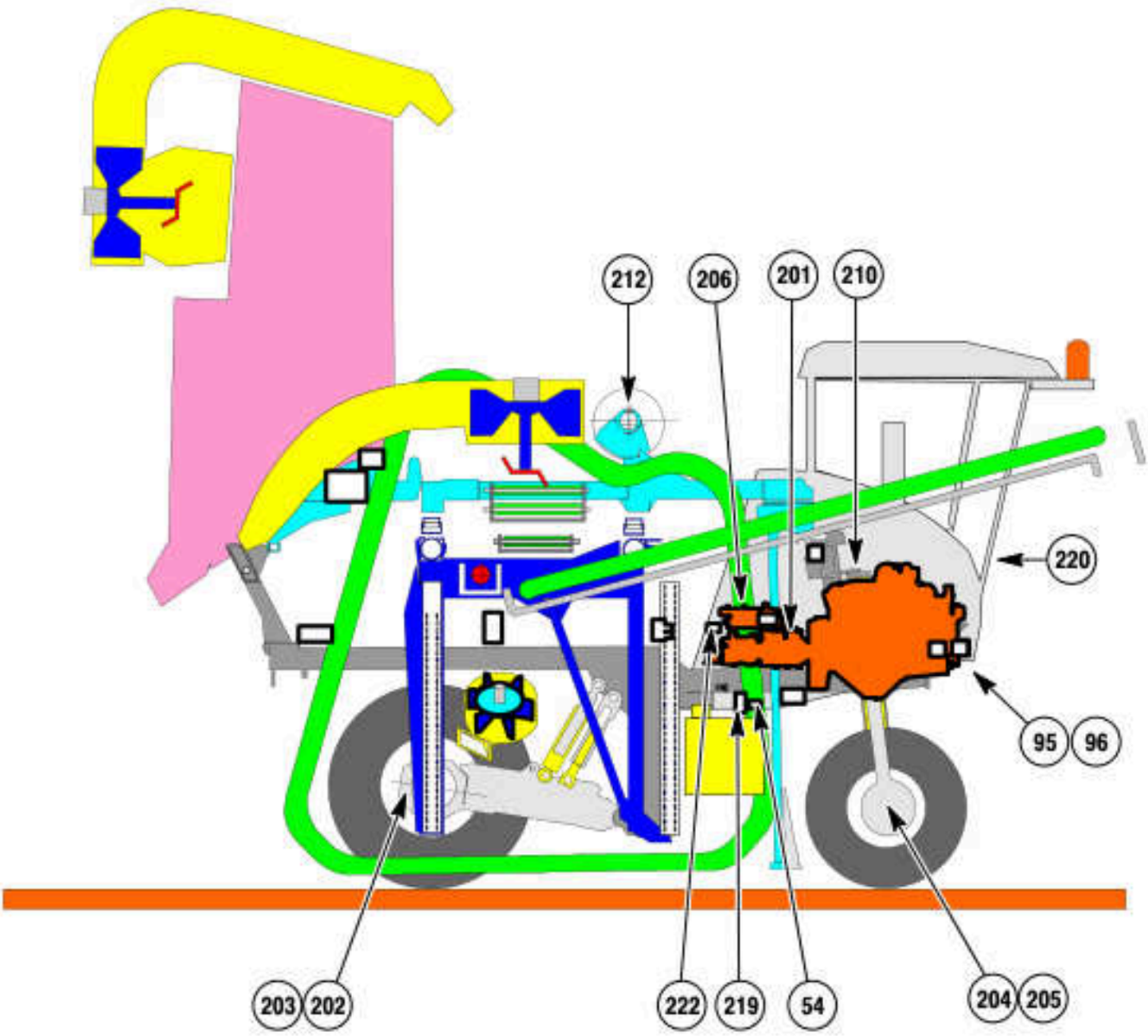
X16 = Free connection for radio

NOTE: *the wires **(268)** and **(357)** for the climate control belong to the right side lighting harness.*

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