DV209D
DV210D
Tier 4B (final)
Double Drum Compactor

DV209D - PIN DDDD209DNGNTX2002 and above;
DV210D - PIN DDDD210DNGNTP2003 and above

OPERATOR'S MANUAL

Part number 48032923
1st edition English
July 2016

CASE CONSTRUCTION

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Contents

1 GENERAL INFORMATION

Note to the owner 1-1
CNH Industrial America LLC technical manuals 1-2
Intended use 1-3
Electro-Magnetic Compatibility (EMC) 1-4
Product identification 1-5
Operator's manual storage on the machine 1-6
Machine orientation 1-7
Machine components 1-8
Selective Catalytic Reduction (SCR) system 1-10

2 SAFETY INFORMATION

Safety rules and signal word definitions 2-1
Safety rules - California Proposition 65 Warning 2-2
Safety rules 2-3
Ecology and the environment 2-9
Hand signals 2-10
Safety signs 2-13

3 CONTROLS AND INSTRUMENTS

Access to operator's platform

Cab access/exit 3-1

Operator's seat

Operator seat adjustments 3-2

Forward controls

Steering column controls 3-4

Left-hand side controls

Left-hand armrest controls 3-5

Right-hand side controls

Right-hand armrest controls 3-6

Rearward controls

Rear panel 3-8

Overhead controls

Overhead panel 3-10

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Display
Display unit 3-12
Display screens 3-14
Ignition lock 3-27
Transport mode 3-28
Climate controls
Heating and air conditioning controls 3-29
Cab features
Interior component locations 3-30
4 OPERATING INSTRUCTIONS
Commissioning the unit
Before starting the engine 4-1
Starting the unit
Starting the engine 4-4
Stopping the unit
Stopping the machine 4-7
Moving the unit
Machine travel and reversing 4-9
Selective Catalytic Reduction (SCR) system 4-11
Regeneration of the Selective Catalytic Reduction (SCR) system 4-13
Parking the unit
Parking the machine and stopping the engine 4-14
5 TRANSPORT OPERATIONS
Road transport
Traveling on public roads 5-1
Shipping transport
Machine transport (on a trailer) 5-1
Recovery transport
Towing the machine 5-4

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6 WORKING OPERATIONS

General information

Operating conditions 6-1

Compaction

Machine travel and reversing including vibration 6-2
Sprinkling 6-4
Operating with vibration on compacted and hard materials 6-5

7 MAINTENANCE

General information

General information 7-1
Maintenance advice 7-1
Tightening torques 7-2
Power cut-off switch 7-5
Window washer tank 7-5
Hydraulic system care 7-6
Changing to Organic Acid Technology (OAT) coolant 7-9
Fluids, lubricants and capacities 7-10
General specification 7-11
General specification - Diesel fuel 7-12
General specification - Biodiesel fuels 7-13
Assisted starting (jump-starting) 7-15
Lubrication and service schedule 7-17

Maintenance planning

Maintenance chart 7-18

Every 10 hours or daily

Engine oil level 7-20
Engine coolant level 7-21
Engines leaks 7-22
Air filter dust valve 7-22
Cooling fan 7-22
Fuel tank level 7-23
Diesel Exhaust Fluid (DEF) tank level 7-24
Hydraulic oil level 7-25
Water tank 7-26
Controls and alarms 7-27
Drum drive reducer gearbox 7-29
Air-conditioning compressor drive belt (if equipped) 7-29
Exhaust system 7-30
Engine fuel system pre-filter 7-31
Radiator cooler fins 7-31

First 200 hours

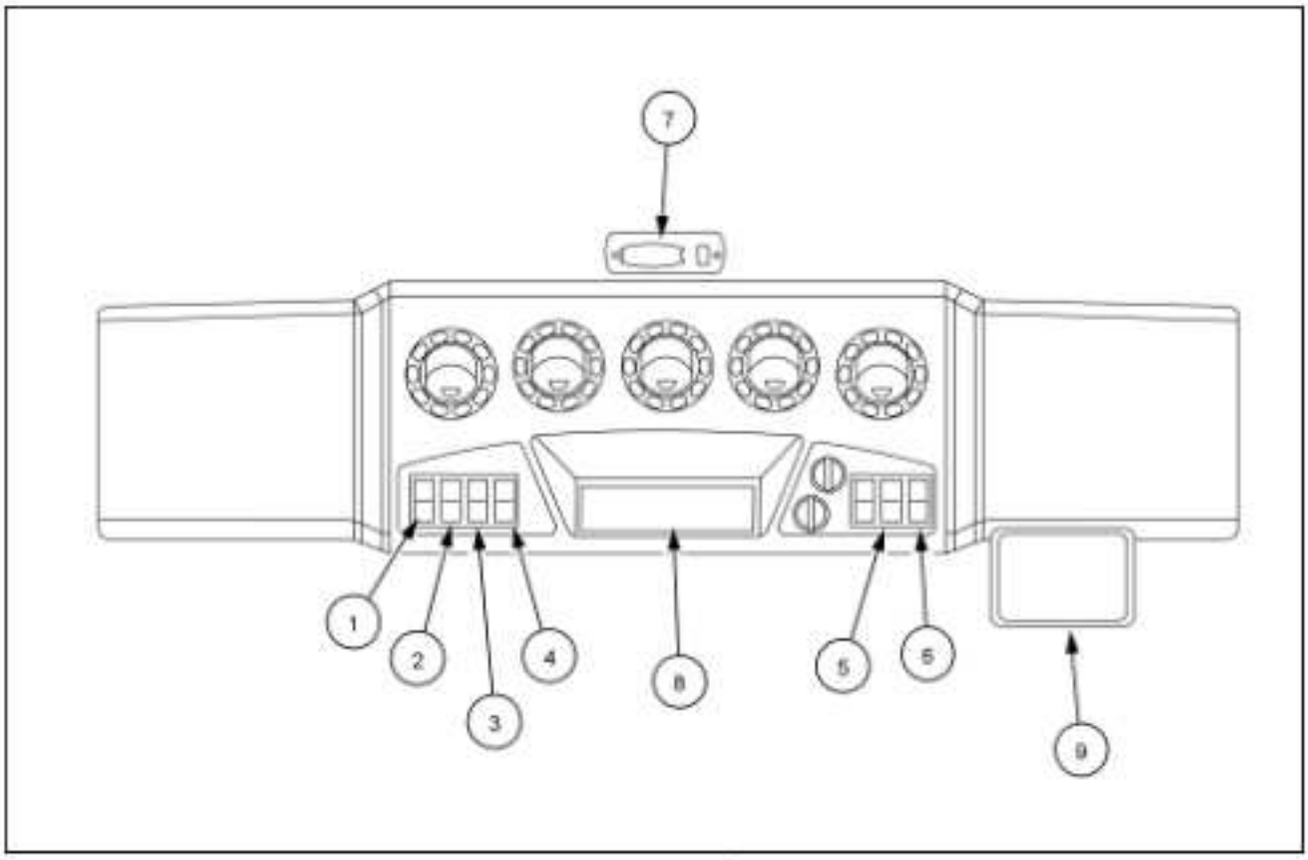
Drum drive reducer gearbox 7-32

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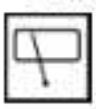
Overhead controls

Overhead panel

Cab units



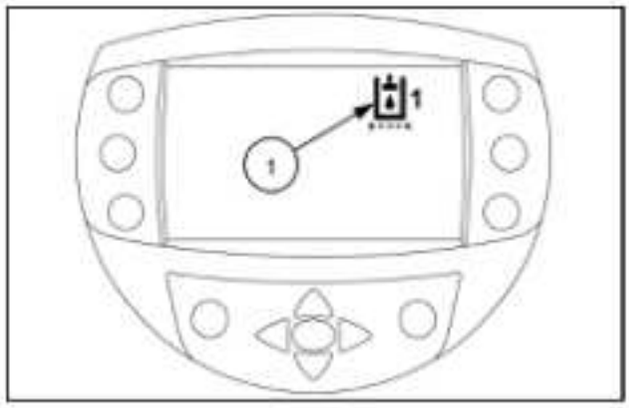
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1. – Rear window heating switch
   - This rotary switch has two positions:
     Up– Rear window heating On
     Bottom – Rear window heating Off
2.  – Window washer switch
   - This rotary switch has three positions:
     Top – Front window washing On
     Center – Off
     Bottom – Rear window washing On
3.  – Front wiper selector switch
   - This rotary switch has three positions:
     Top – Turned Off
     Center – Low speed On
     Bottom – High speed On
4.  – Rear wiper selector switch
   - This rotary switch has three positions:
     Top — Turned Off
     Center – Low speed On
     Bottom – High speed On

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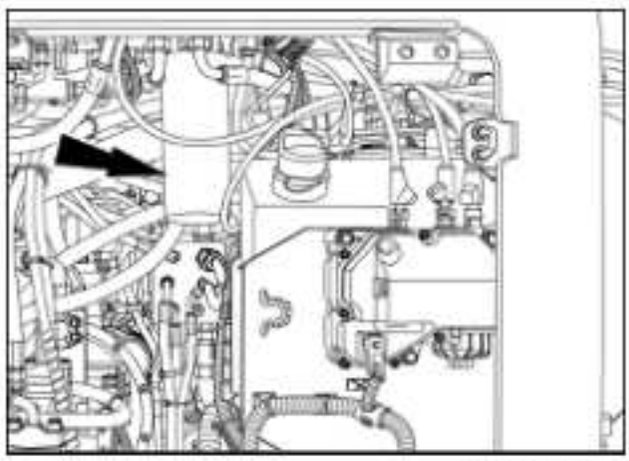
Replacing the filter cartridge

Replace the filter whenever the hydraulic fluid is replaced or when the hydraulic filter warning indicator **(1)** goes on in the display.



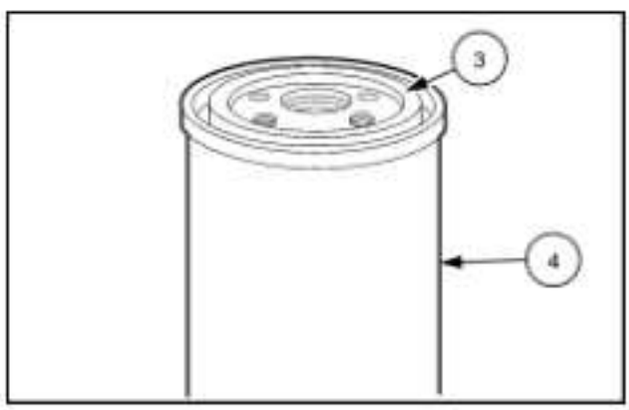
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1. Remove the filter.
2. Clean the filter mounting surface with a lint free cloth.



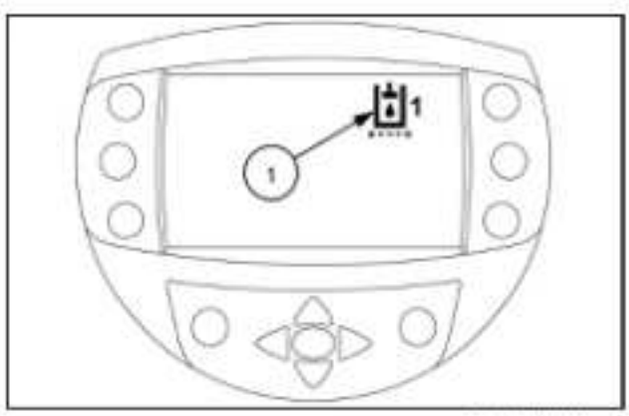
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3. Apply a thin layer of clean oil on the seal **(3)** of the new filter cartridge **(4)**.
4. Manually tighten the filter cartridge **(4)** until the seal **(3)** touches the support. Tighten the filter by hand another 1/2 to 3/4 turn.



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5. Make sure that the hydraulic filter clogged indicator **(1)** is not illuminated in the display.



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8 - SPECIFICATIONS

DV209D and DV209D HF general specifications

Weight	DV209D	DV209D HF
Operating weight of CECE with cab, ROPS	**9560 kg (21080 lb)**	
Operating load of CECE with cab, ROPS on front axis	**4770 kg (10520 lb)**	
Operating load of CECE with cab, ROPS on rear axis	**4790 kg (10560 lb)**	
Weight of half fluid capacities	**510 kg (1120 lb)**	
Operating weight of ISO 6016 with cab, ROPS	**9650 kg (21270 lb)**	
Max. weight – cab + ROPS (6016) + accessories + weighing	**11000 kg (24250 lb)**	
Maximum permitted weight according to ROPS	**13000 kg (28660 lb)**	
Static linear load of front drum	**28.4 kg**/cm – **159 lb**/in	
Static linear load of rear drum	**28.5 kg**/cm – **159.6 lb**/in	
Cab weight	**440 kg (970 lb)**	
Weight of Ammann edge cutter	**150 kg (330 lb)**	
Weight of two-sided edge cutter	**300 kg (660 lb)**	
Weight of Ammann spreader	**630 kg (1390 lb)**	

Driving characteristics	DV209D	DV209D HF
Maximum transport speed	**10 km/h (6.5 mph)**	
Climbing ability without vibration	30%	
Climbing ability with vibration	25%	
Lateral stability during driving with vibration	15%	
Turning radius inner (edge)	**5470 mm (215.4 in)**	
Turning radius outer (contour)	**7450 mm (293.3 in)**	
Type of drive	Hydrostatic	
Number of driving axles	2	
Oscillation angle	±6°	
Angle of steering	±31°	

Steering	DV209D	DV209D HF
Type of steering	Joint	
Steering control	Hydraulic	
Linear hydraulic motors	1 + 1 (Crab)	

Engine	DV209D	DV209D HF
Manufacturer	Deutz	
Type	TCD3.6 L4	
Power according to ISO 14396	**74.4 kW (100 Hp)**	
Number of cylinders	4	
Cylinder capacity	**3621 cm³ (221 in³)**	
Nominal speed	**2200 RPM**	
Maximum torque	**410 N·m** at **1600 RPM**	
Average fuel consumption	**10.2 L/hour (2.7 US gal/hour)**	
Engines complies with emission regulations	EU Stage IV, U.S. EPA Tier 4 final	
Cooling system of engine	Liquid	

Brakes	DV209D	DV209D HF
Operating	Hydrostatic	
Parking	Mechanical multiple-disc	
Emergency	Mechanical multiple-disc	

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When replacing safety signs, be sure to install them in the locations shown. Detailed description of the safety signs are given as follows:

1. Read Operator's Manual (shown on display only)

Use Operator's Manual to make yourself thoroughly familiar with machine's controls and its maintenance (This symbol will also be displayed on the display).



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2. Wear safety belt (shown on display only)

Wear safety belt before driving (This symbol will also be displayed on the display).



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3. Pinch points

Maintain safety distance away from the Machine. Hazard of being crushed between front and rear frame of the machine.

Location: Near steering joint



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