CASE

PROFESSIONAL PARTNER

OPERATOR'S MANUAL

ARTICULATED DUMP TRUCKS

335B
340B

87564255 NA

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1. External lights/headlight control
2. Front working lights control
3. Rotating beacon control
4. Not used
5. Hazard light control
6. Instrument panel and warning lamps
7. Not used
8. Rear view mirrors heating control (if equipped)
9. Side window wiper control
10. Side window washer control
11. Battery disconnect switch (for operation, see "Starting and stopping the engine" in Section 3)
12. Integrated IRCM (engine brake + retarder) auxiliary brake control
13. Driven mirror adjustment control (if equipped)
14. Parking brake
15. 12V power socket
16. Dump body control and parking brake (hold) button
17. Automatic transmission lever
18. Cigar lighter
19. Rear axle/longitudinal lock control
20. Central longitudinal lock control
21. Ashtray
22. Windscreen wiper, washer and display management control
23. Accelerator pedal
24. Brake pedal
25. Ignition key switch
26. Steering wheel
27. Steering column slant adjustment lever
28. Direction indicators and horn control
29. Headlight and daytime flashing control
30. Climate control system controls

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LUBRICATION AND SCHEDULED REPLACEMENT CHART KEY

1. Engine oil
2. Engine oil filter
3. Fuel pre-filter
4. Fuel filter
5. Main air/secondary air cleaner (1) (*)
6. VGT air filter
7. Engine coolant (**)
8. Accumulator pressure check (**335B model**) Not used (**340B model**)
9. Automatic transmission oil (2)
10. Automatic transmission oil filter (2)
11. Front differential/hub/axle oil (3)
12. Not used (**335B model**) Accumulator pressure check (**340B model**)
13. Hydraulic suspension system oil
14. Hydraulic system mesh filters (2 filters)
15. Hydraulic/steering/tipping system filter
16. Hydraulic/braking system filter
17. Automatic grease lubricant
18. Centralized grease lubricant
19. Not used (**disk brake models**) Brake cooling circuit fluid (**wet brakes models**)
20. Climate control system fluid (recharge)
21. Climate control system filter
22. Tire pressure / wheel tightening check
23. Not used (**disk brake models**) Brake cooling circuit fluid filter (**wet brakes models**)
24. Not used (**disk brake models**) Brake cooling circuit mesh filter cleaning (**wet brakes models**)
25. Compressed air dryer filter (*)

NOTE: *Service frequency is expressed in hours.*

(1) Or every three main filter replacements
(2) First change/replacement when unit is new or serviced after 100 hours
(3) First change/replacement when unit is new or serviced after 200 hours

(*) yearly for periods of use less than 1000 hours interval
(**) every two years for periods of use less than 2000 hours interval

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MEASURES (international system)

Force in N (Newton)

- 1 N = 0.1019 kg.
- 1 kg = 9.81 N.

Power in kW (kilowatt)

Other units in use:

CV (Horse)

HP (Horse-Power)

- 1 kW = 1.36 CV.
- 1 kW = 1.34 HP.
- 1 CV = 0.736 CV.
- 1 CV = 0.986 HP.
- 1 HP = 0.746 kW.
- 1 HP = 1.014 CV.

Torque in Nm (Newton meter)

- 1 Nm = 0.1019 kg.
- 1 kgm = 9.81 Nm.
- 1 kgm = 10 Nm *.

Specific consumption in g/kWh (grams per kilowatt-hour)

Other unit in use:

g/CVh (Horse)

- 1 g/kWh = 0.736 g/CVh.
- 1 g/CVh = 1.36 g/kWh.

Pressure in kPa (kilopascal)

Other units in use:

kg/cm^2 (kilogram per square centimeter)

Atm (Metric atmosphere)

psi (Pound per square inch)

- 1 kg/cm^2 = 1 Atm.
- 1 kg/cm^2 = 98.1 kPa.
- 1 kg/cm^2 = 0.981 bar.
- 1 kg/cm^2 = 1 bar *.
- 1 kg/cm^2 = 14.22 psi
- 1 bar = 100 kPa.
- 1 bar = 1.02 kg/cm^2.
- 1 bar = 14.51 psi.
- 1 psi = 6.9 kPa.
- 1 psi = 0.069 bar.
- 1 psi = 0.0703 kg/cm^2.
- kPa = 0.145 psi.
- kPa = 0.0102 kg/cm^2.
- kPa = 0.01 bar.

Conversion values for American units

- 1 mm = 0.039 inch.
- 1 m = 3.281 ft.
- 1 km = 0.621 miles.
- 1 cm^3 = 0.06 I cu. in.
- 1 l = 1.759 pts (0.88 Imp. qts).
- 1 bar = 14.5038 psi.
- 1 g = 0.035 oz. (0.564 dr.).
- 1 kg = 2.205 lbs.
- 1 t = 1.102 short ton (0.9842 long ton).
- °C = (°F - 32) : 1.8
- °F = (°C x 1.8) + 32.

(*) Nm and bar are converted according to the ratios 10:1 and 1:1.

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