OPERATOR'S MANUAL

Articulated Dump Trucks AD300



NEW HOLLAND
CONSTRUCTION

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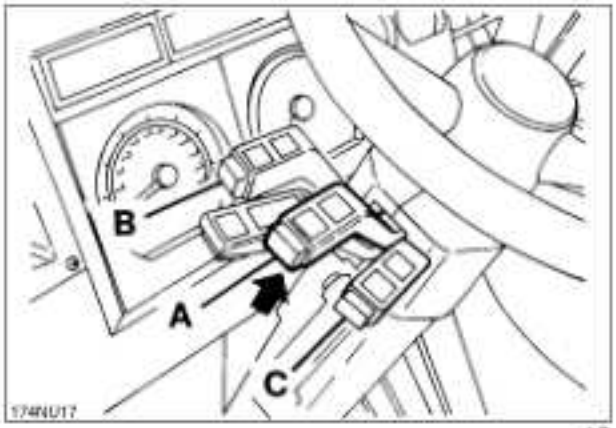
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TURN INDICATOR AND HORN CONTROL

The control has three positions:

Position A: OFF
Position B (up): right turn indicators
Position C (down): left turn indicators

Press the button on the control lever (arrow) to operate the horn.



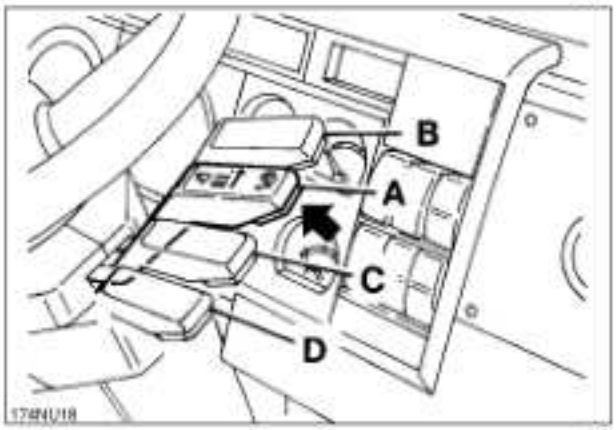
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WINDSHIELD WIPER/WASHER CONTROL

The control has four positions:

Position A: OFF
Position B: flick wipe
Position C: slow wipe
Position D: fast wipe

Press the button (arrow) on the control lever to operate the windshield washer.



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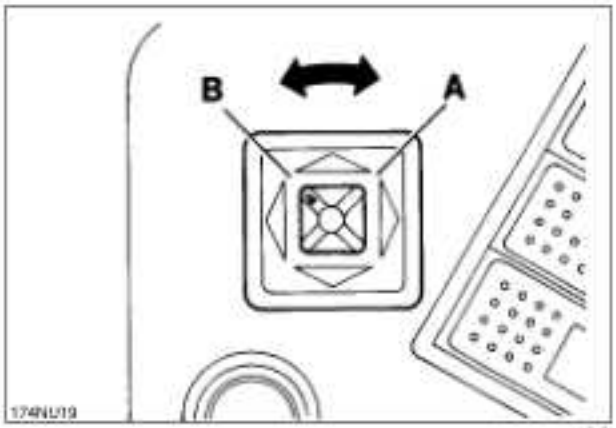
REAR VIEW MIRROR POWER CONTROL

The rear view mirror switch has two positions:

Position A: right mirror
Position B: left mirror

Press button in the required direction to adjust the mirror:

- Arrow upwards: mirror upwards
- Arrow downwards: mirror downwards
- Arrow rightwards: mirror rightwards
- Arrow leftwards: mirror leftwards



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LUBRICATION AND SCHEDULED REPLACEMENT CHART KEY (SEE PREVIOUS PAGE)

1. Engine oil
2. Engine oil filter
3. Fuel filter
4. Fuel filter/separator
5. Main air cleaner (3)
6. Secondary air cleaner (4)
7. Engine coolant
8. Engine coolant filter
9. Automatic transmission oil (1)
10. Automatic transmission oil filter (1)
11. Axle/planetary gear case oil (2)
12. Suspension oil/gas
13. Hydraulic system oil
14. Hydraulic system oil filter (intake) (1)
15. Hydraulic system oil filter (pump outlet) (1)
16. Hydraulic system oil filter (brake) (1)
17. Front centralized lubricator
18. Rear centralized lubricator
19. Spare
20. Air conditioner system fluid
21. Air conditioner filter

NOTE: *Service frequency is expressed in hours.*

(1) First change/replacement when unit is new or serviced after 100 hours
(2) First change/replacement when unit is new or serviced after 250 hours
(3) Alternatively
(4) Or every three main filter replacements

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PERFORMANCE

Type of tires		23.5 R 25		
Axle reduction ratio		1 : 21.85		
Gear	Gearbox ratio	Total ratio	Speed km/h (mph) (*)	Max. gradient (%)
First gear	1 : 5.35	116.90	5.2 (3.2)	45
Second gear	1 : 3.46	75.601	8.1 (5)	27
Third gear	1 : 2.21	48.289	12.6 (7.8)	16.3
Fourth gear	1 : 1.42	31.027	19.6 (12.2)	9.9
Fifth gear	1 : 0.97	21.195	28.7 (17.8)	6.2
Sixth gear	1 : 0.62	13.547	44.5 (27.6)	3.4
First Reverse	1 : 4.94	107.92	5.6 (3.4)	40.8
Second Reverse gear	1 : 2.08	45.04	13.4 (8.3)	15.3
Third Reverse gear	1 : 0.89	19.55	31.1 (19.3)	5.6

(*) Speed that can be reached with engine running at 2100 tr/mn (rpm) and tire rolling circle of 4825 mm (189.96 in)

Minimum speed at maximum torque in first gear..... 3.2 km/h (2 mph)
Max. speed (theoretical)..... 44.5 km/h (27.8 mph)
Maximum gradient that can be climbed in first gear (theoretical)..... 45%
Power/weight ratio..... 64.2 kg/CV (143.4 lb/HP)

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