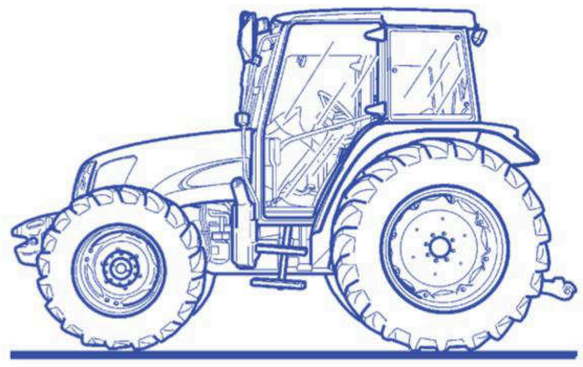
NEW HOLLAND

TL80A
TL90A
TL100A

OPERATOR'S MANUAL



87517742 3/06

NEW HOLLAND

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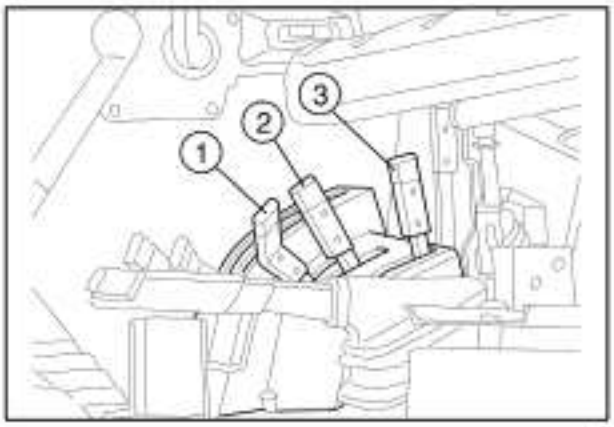
Control Valve Levers for Standard Models

The control levers operate within three positions:

Forward – Lower

Rearward – Raise

Center – Neutral



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Control Valve Levers For Deluxe Models

The control levers, 1, for remote auxiliary control valves on deluxe models operate with four positions as follows:

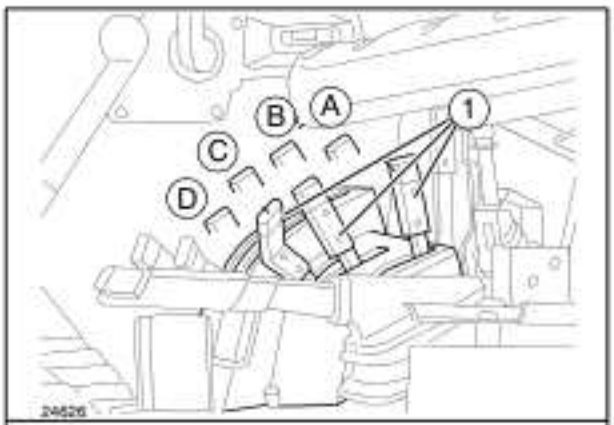
Position A – Lever rearward – Raise implement.

Position B – Lever centered – Neutral.

Position C – Lever forward – Lower implement.

Position D – Lever full forward – Float function.

NOTE: *In the float function, the cylinder can extend or retract, allowing the implement to follow the land contours.*



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Control Valves With Automatic Release

Control valves with automatic release consist of a mechanical detent, which holds the control lever in the raise or lower position. When the implement reaches the limit of travel, an automatic release mechanism returns the lever to the neutral position.

When a single-acting valve is used, the automatic release mechanism works only when raising.

When the implement reaches a desired position which is not at the travel limit, the control lever must be moved manually out of the mechanical detent to the neutral position.

Control Valves With Float Function

Control valves with float function provide for free-floating, which allows an implement to follow the contour of the ground for example.

To select the float function, move the relative control valve past the first detent, then full forward.

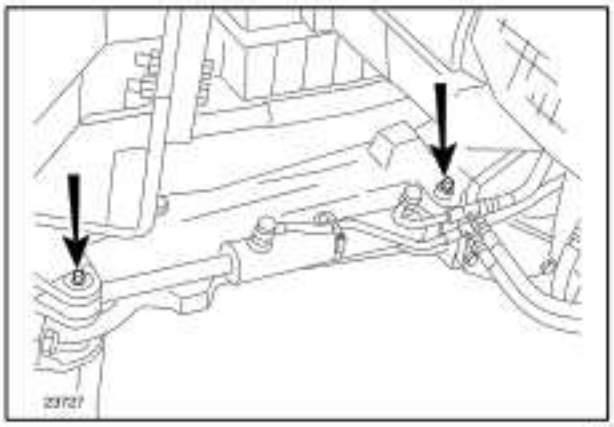
A mechanical detent holds the lever engaged in the float setting. To release the control valve from float, manually move the relative control lever rearward, out of the mechanical detent into the neutral position.

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OPERATION 16.

FWD STEERING CYLINDERS

Using a grease gun, pump AMBRA GR9 grease into the two lubricating nipples shown.

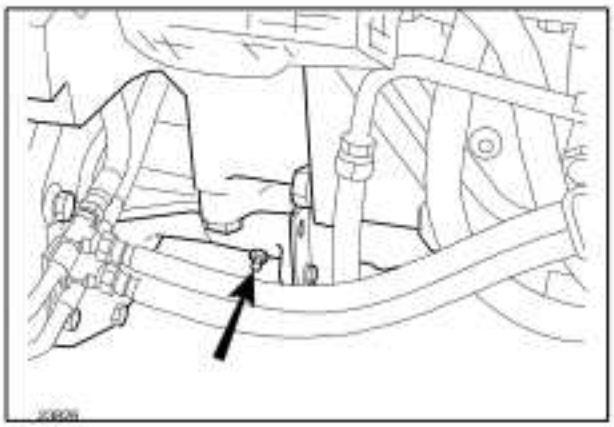


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OPERATION 17.

FWD FRONT AXLE REAR PIVOT

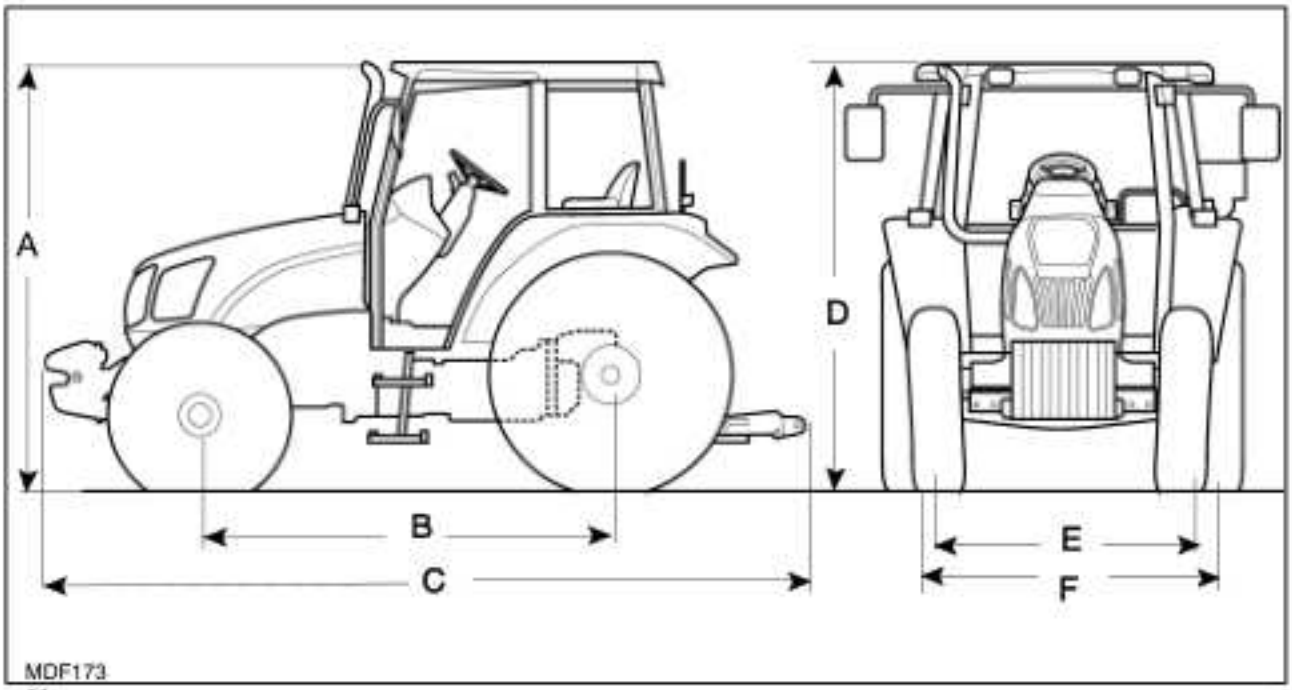
Using a grease gun, pump AMBRA GR9 grease into the lubricating nipple shown.



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DIMENSIONS OF FWD MODELS WITH CAB



Dimensions	TL80A	TL90A	TL100A
A	Min 2424 (95.4328) Max 2529 (99.5667)		
B	2314 (91.1021)		
C	4362 (171.7319)		
D	Min 2401 (94.5273) Max 2556 (100.6297)		
E (front wheel track)	1321 to 2033 (52.0077 to 80.0392)	1423 to 2133 (56.0235 to 83.9762) (♦)	
F (rear wheel track)	1434 to 2138 (56.4565 to 84.1730)		

(♦) Wheel track also good for TL80A model with second category front axle (optional variant).

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