NEW HOLLAND
TM120
TM130
TM140
TM155
TM175
TM190
Tractors

SERVICE
MANUAL



6045511102

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Repair Manual - TM Series Tractors

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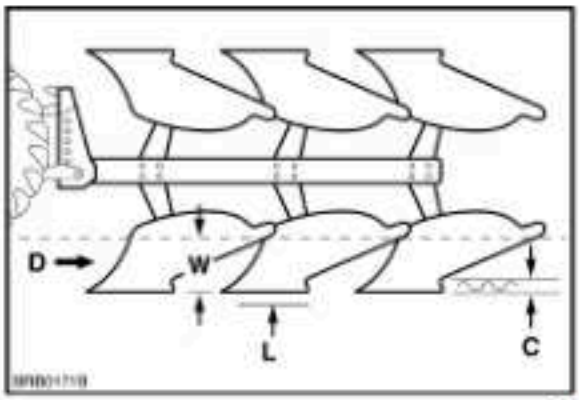
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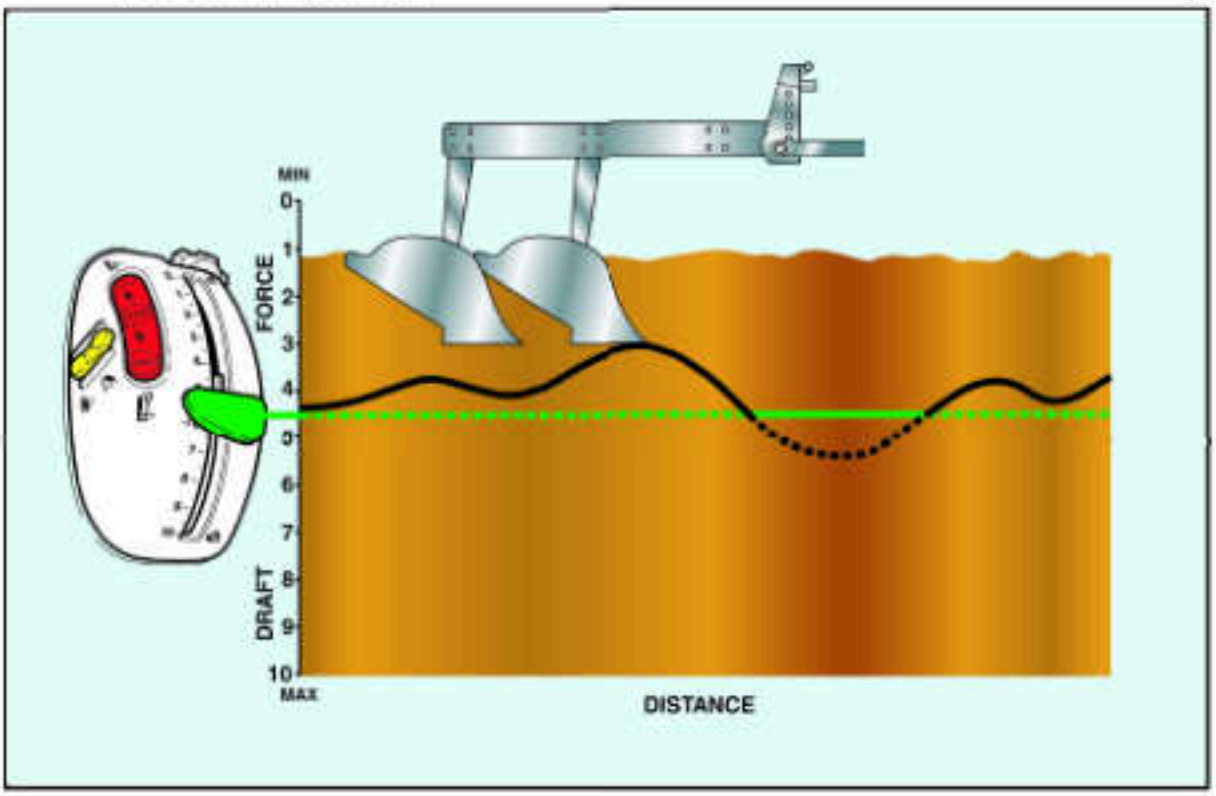
OPERATION OF DRAFT CONTROL

In draft control the working position of the lift arms is affected by the lift arm position control lever, draft loading control, draft sensitivity and slip limit control. All these controls interact with each other to achieve the desired operation of the hydraulic lift.

- **D** Draft Load on Implement
- **W** Working Depth (Set by Draft Loading Control)
- **L** Lower Limit (Set By Lift Arm Position Control Lever)
- **C** Correction Band (Set by Sensitivity Control)



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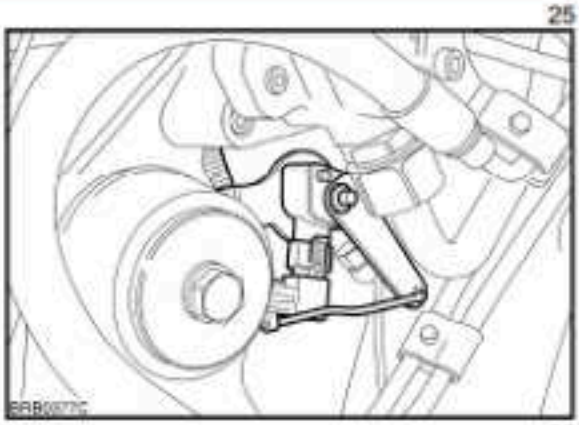


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The lower limit working depth of an implement in the soil is controlled by the lift arm position control lever.

Irrespective of any draft loading applied to the implement the maximum depth of the implement will never exceed this setting.

The depth of the implement is sensed using the lift arm position control potentiometer which sends a signal to the microprocessor to turn off power to the lower solenoid of the hydraulic control valve when maximum depth has been reached.

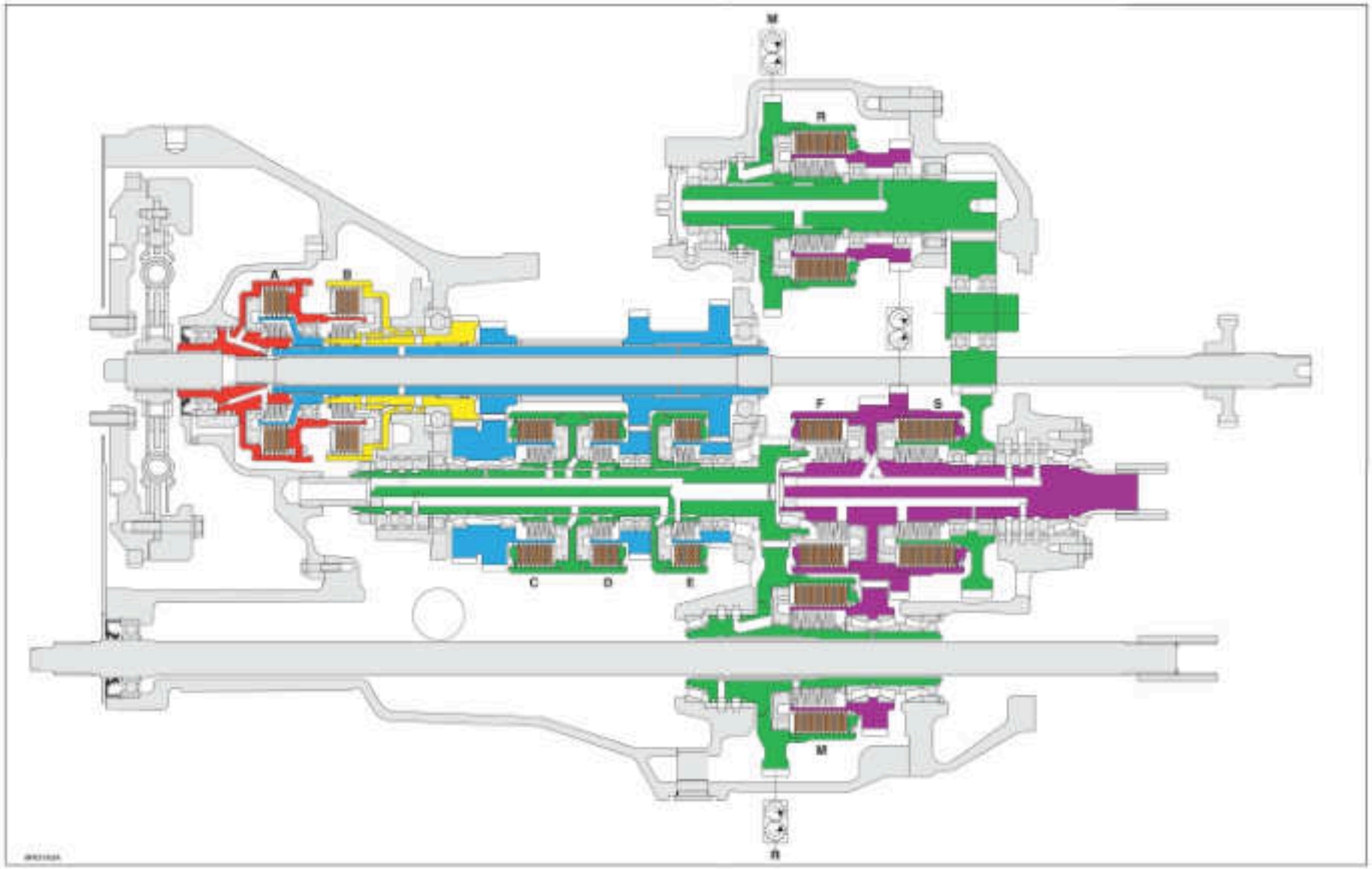


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