SERVICE MANUAL

T6010 / T6020 / T6030 / T6040 / T6050 / T6060 / T6070

Tractor

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NEW HOLLAND AGRICULTURE

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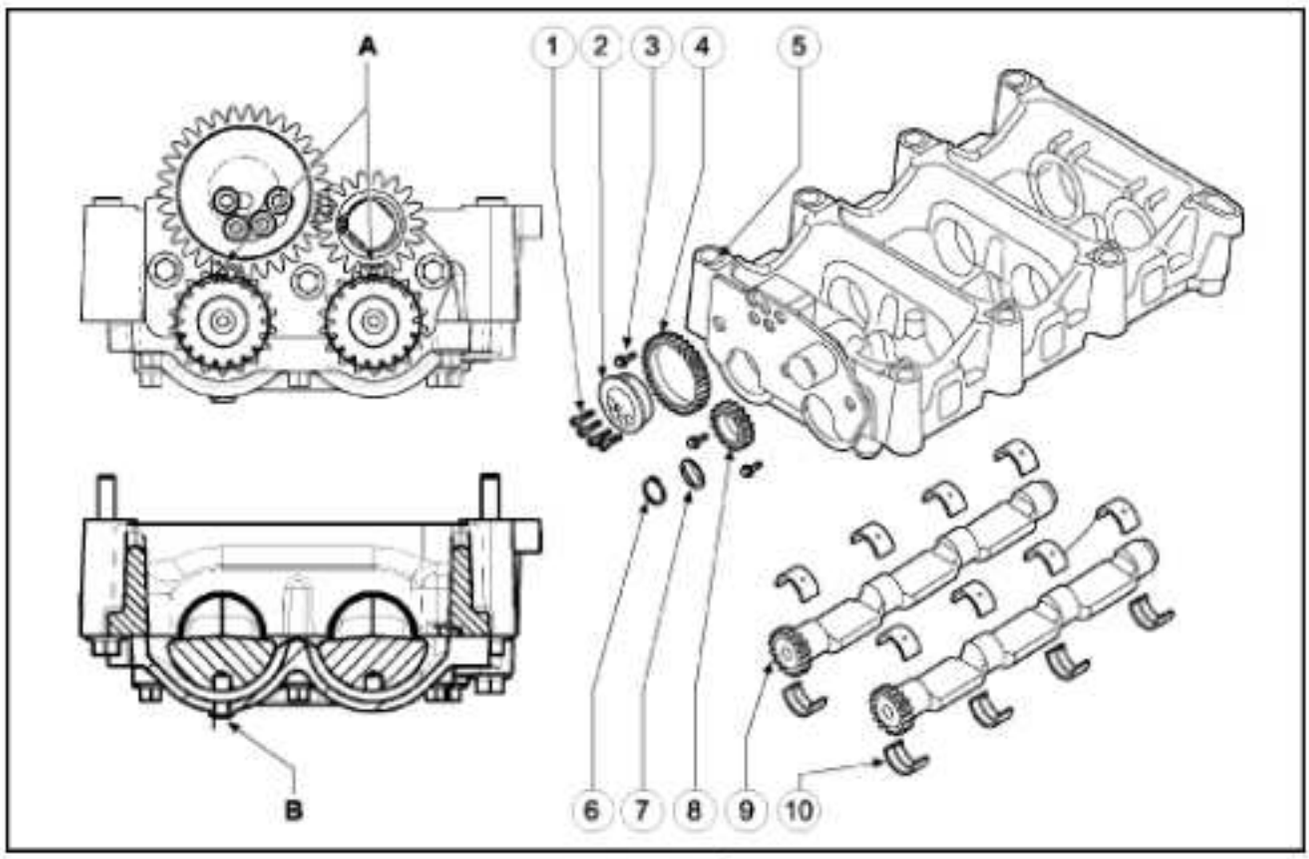
T6030 2v L/Cab 12x12, T6060 2v L/Cab 12x12, T6010 2v L/Cab 12x12, T6020 2v L/Cab 12x12

Compo-nent	Connector	Description

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Balancer - Static description

The additional weights are located inside the oil sump, fastened to the engine block.
The additional weights must be timed as indicated below:
Make the signs **(A)** engraved on the gears for timing.
Insert the pin into the hole **(B)** in the balancing mass to bloc rotation of this temporarily.



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Additional counterweight timing operations

(1) Retaining bolts
(2) Mounting
(3) Retaining bolts
(4) Gear
(5) Balancing weight
(6) O-ring
(7) Ring
(8) Gear
(9) Counter-rotating shaft
(10) Half bearings

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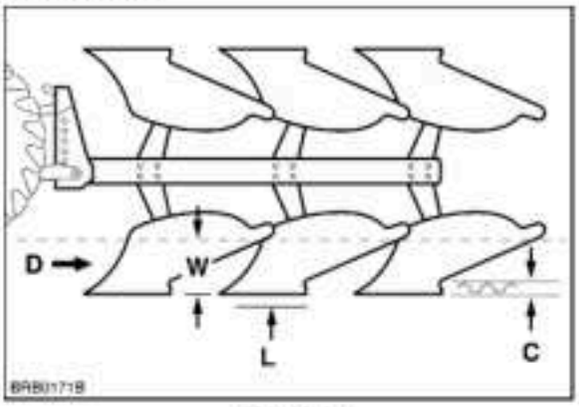
Problem	Possible Cause	Correction
High pressure switch cutting out Gauge reading :- Low Pressure - High High Pressure - High (Refer to example ENVIRONMENT CONTROL Heating, ventilation and air-conditioning - Dynamic description (E.40.D))	Air in system	Inspect for dirty condenser restricting air flow and cooling. Check operation of condenser cooling fans. Repair or replace as needed. Check for overcharge as follows: Stop the engine. Recover and recycle the charge using correct recovery equipment. Recharge the system with the correct quantity of refrigerant, replacing any lost lubricant. Recheck performance of air conditioning system.
Compressor cycles "on" and "off" too frequently Gauge reading :- Low Pressure - High High Pressure - Normal (Refer to example ENVIRONMENT CONTROL Heating, ventilation and air-conditioning - Dynamic description (E.40.D))	Defective temperature control (thermostatic) switch	Stop engine and shut off A/C Replace temperature control switch Re-test system and check compressor cycling

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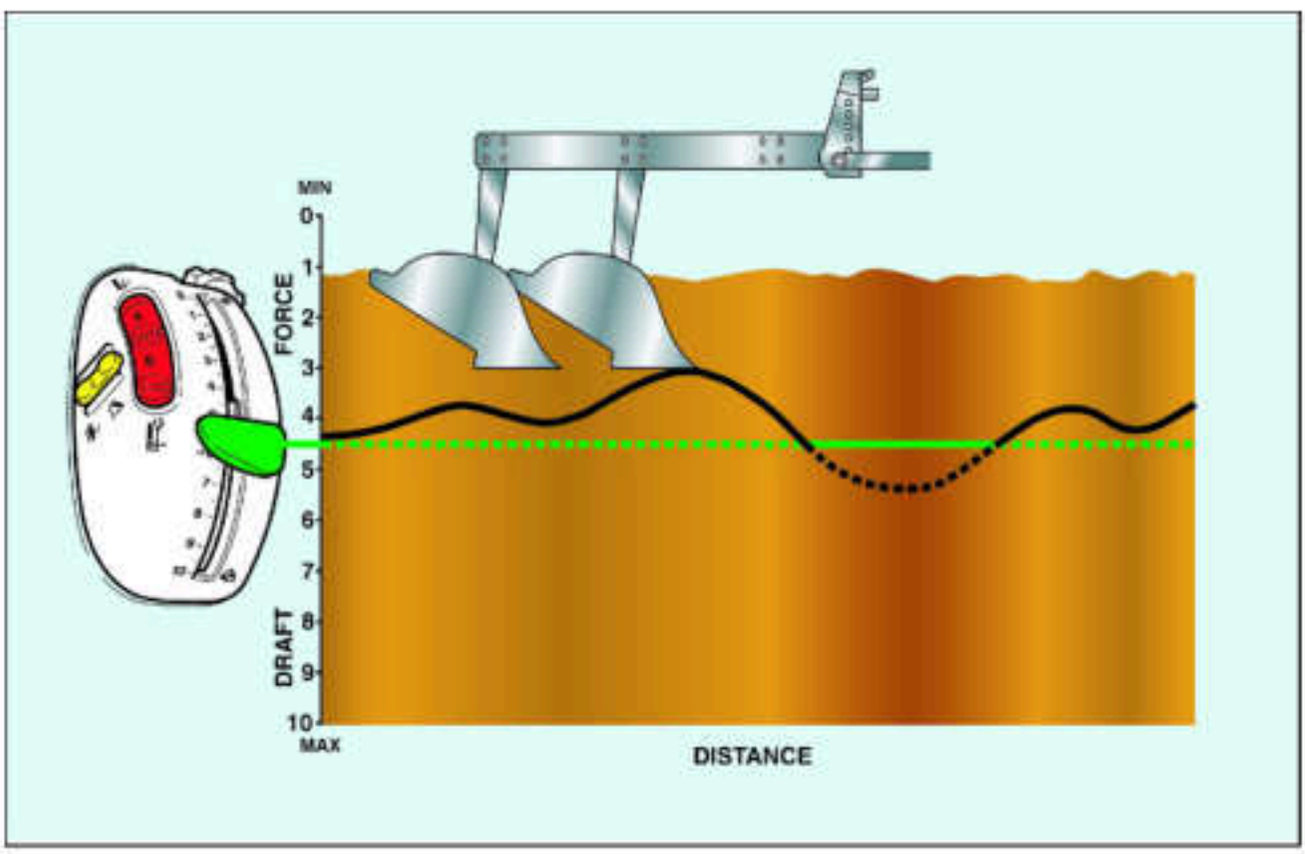
HITCH Electronic draft control - Dynamic description

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)



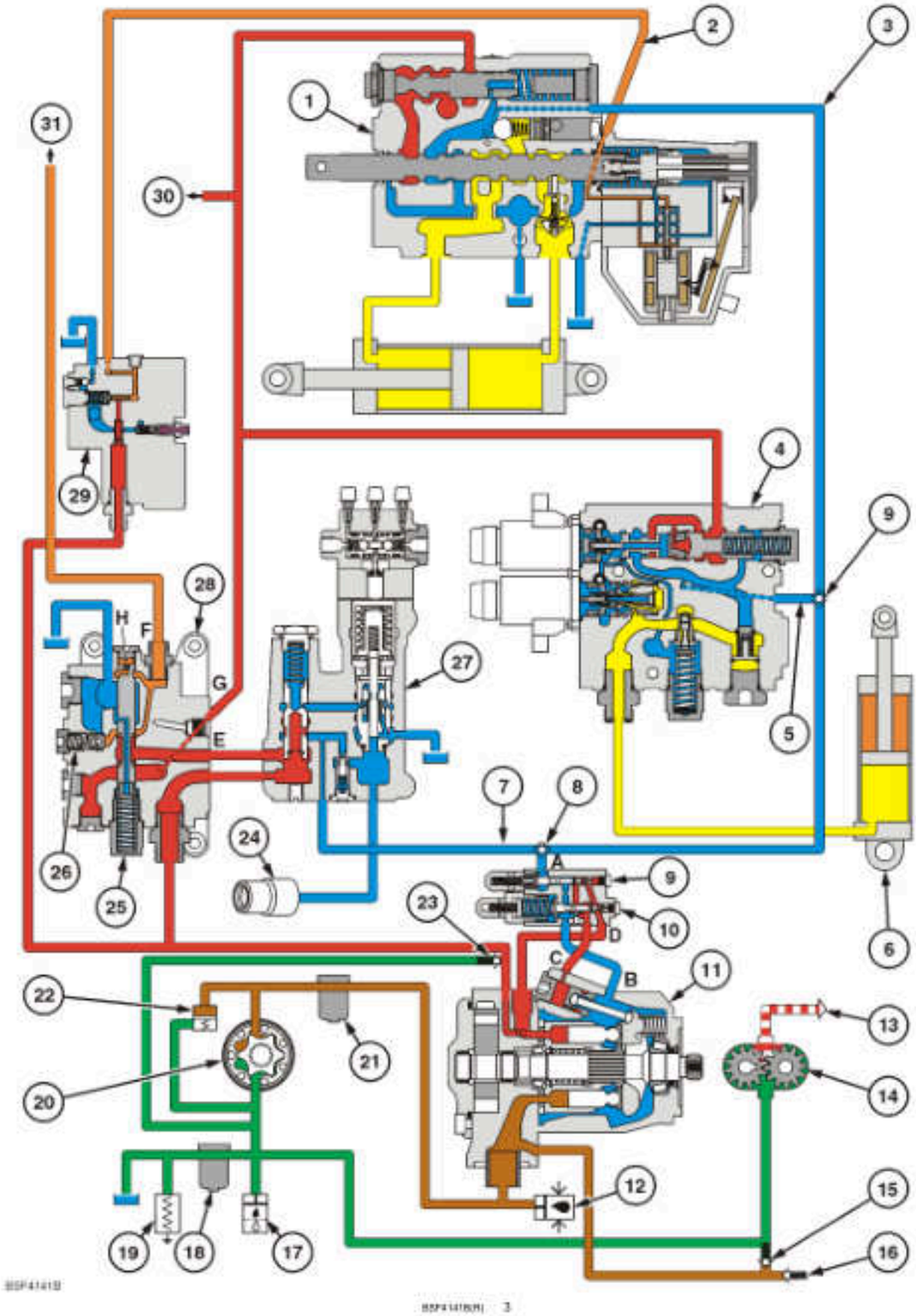
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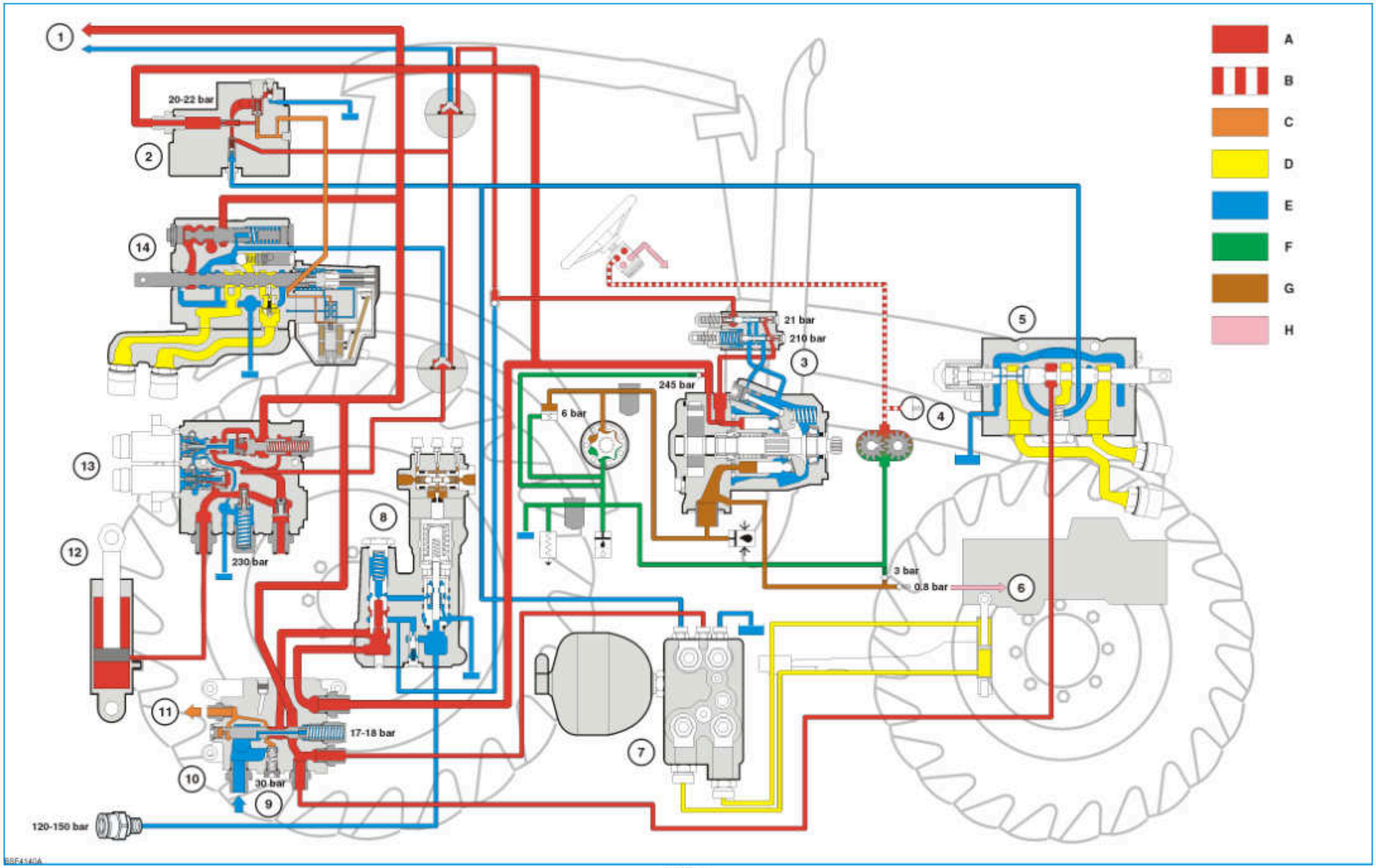
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The lower limit working depth of an implement in the soil is controlled by the lift arm position control lever.
Irrespective of any draft loading applied to the implement the maximum depth of the implement will never exceed this setting.
The depth of the implement is sensed using the lift arm position control potentiometer **(1)** 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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