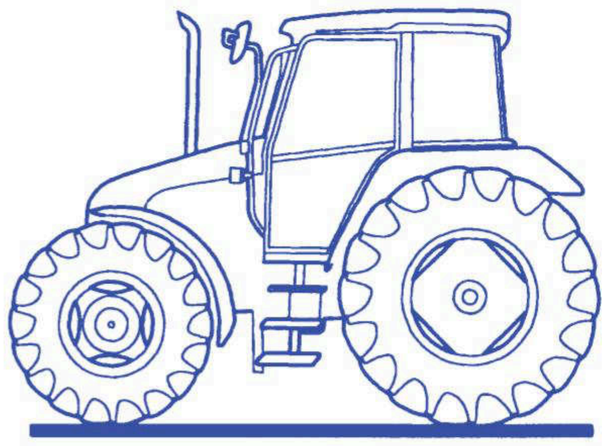


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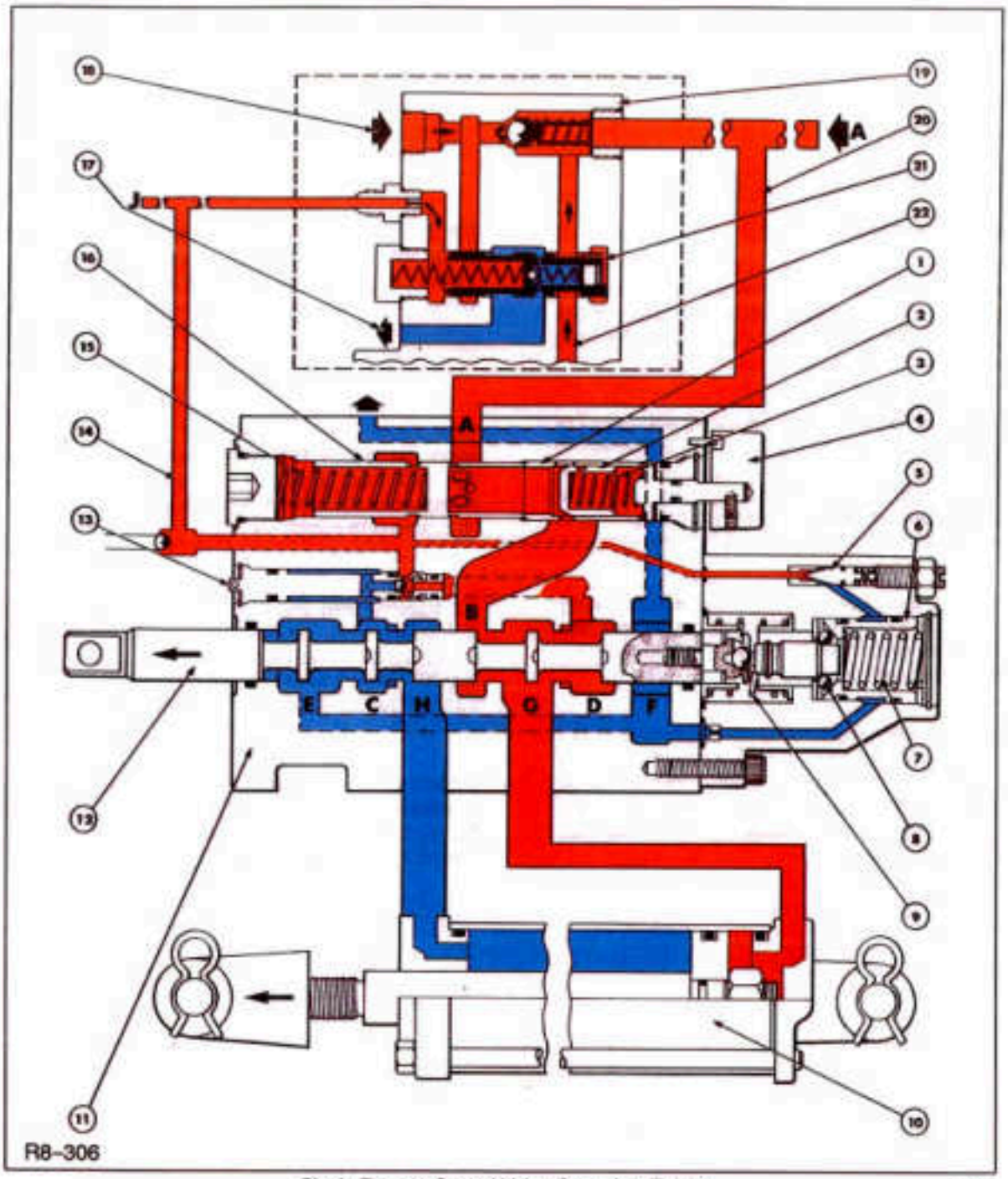
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Single Remote Control Valve Operation–Raising

320

Pump Pressure Oil

Exhaust Oil

1. Flow Control Restrictor
2. Load Check Valve
3. Check Valve Spring
4. Flow Control Knob
5. Detent Regulating Valve
6. Detent Spool
7. Detent Plunger and Spring
8. Detent Balls
9. Centering Spring
10. External Cylinder
11. Valve Body
12. Control Valve Spool
13. Shuttle Check Valve
14. Load Sense Line (Pilot Line)
15. Flow Control Spring
16. Flow Control Spool
17. Return to Sump*
18. Auxiliary Pump Supply*
19. Hydraulic Priority Valve Assembly*
20. Supply to Remote Valve
21. Combining (Sequencing) Valve*
22. Main Pump Supply via Combining Valve*

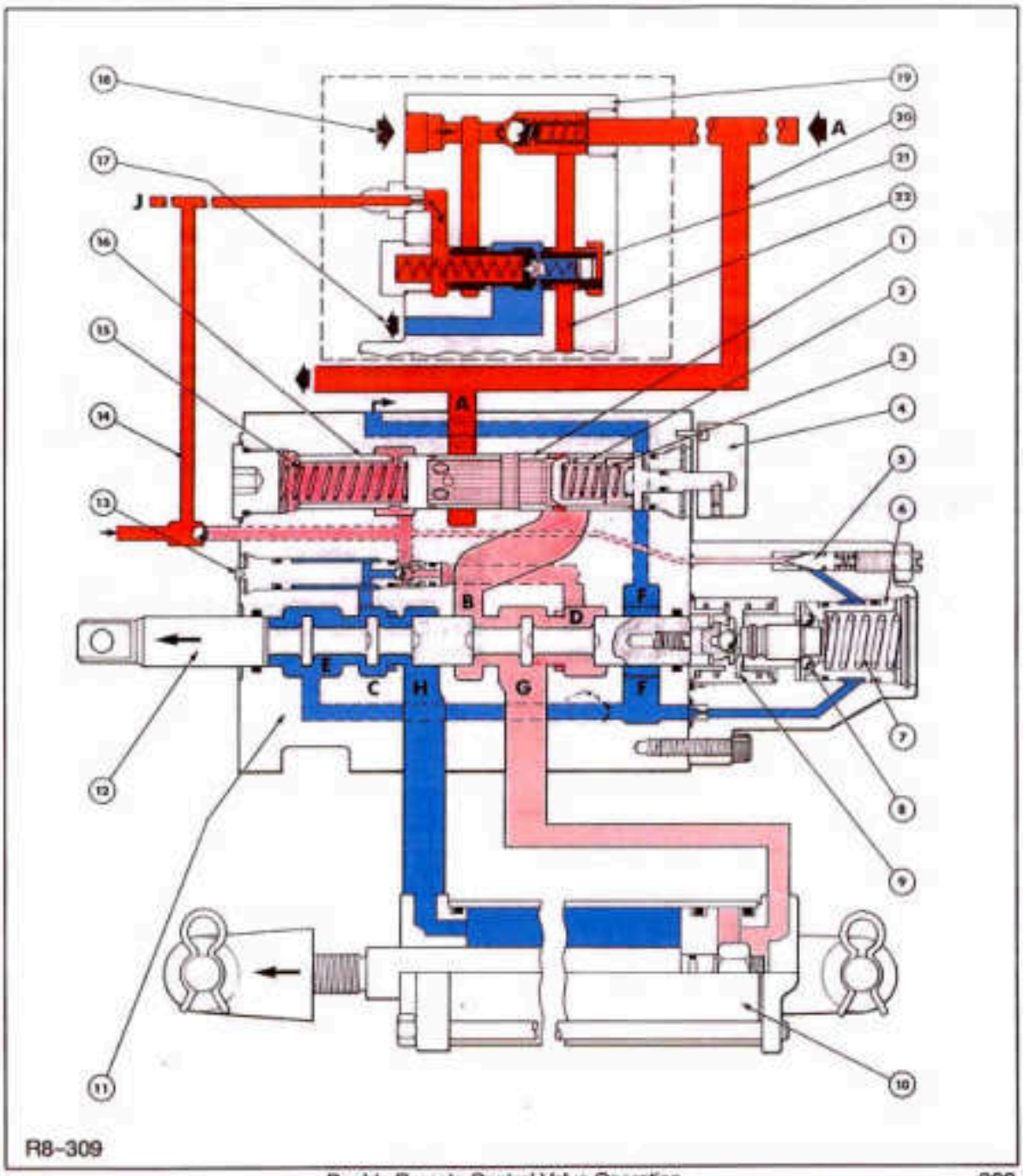
*Tractors with Fixed Displacement Hydraulic Pump Only

For Tractors Fitted with Variable Displacement CCLS Hydraulic Pump

A = CCLS Pump Supply

B = CCLS Pump Load Sensing Line

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Double Remote Control Valve Operation 323

Pump Pressure Oil | Controlled Oil Flow | Reduced Oil Flow | Exhaust Oil

1. Flow Control Restrictor
2. Load Check Valve
3. Check Valve Spring
4. Flow Control Knob
5. Detent Regulating Valve
6. Detent Spool
7. Detent Plunger and Spring
8. Detent Balls
9. Centering Spring
10. External Cylinder
11. Valve Body
12. Control Valve Spool
13. Shuttle Check Valve
14. Load Sense Line (Pilot Line)
15. Flow Control Spring
16. Flow Control Spool
17. Return to Sump*
18. Auxiliary Pump Supply*
19. Hydraulic Priority Valve Assembly*
20. Supply to Remote Valve
21. Combining (Sequencing) Valve*
22. Main Pump Supply via Combining Valve*

*Tractors with Fixed Displacement Hydraulic Pump Only

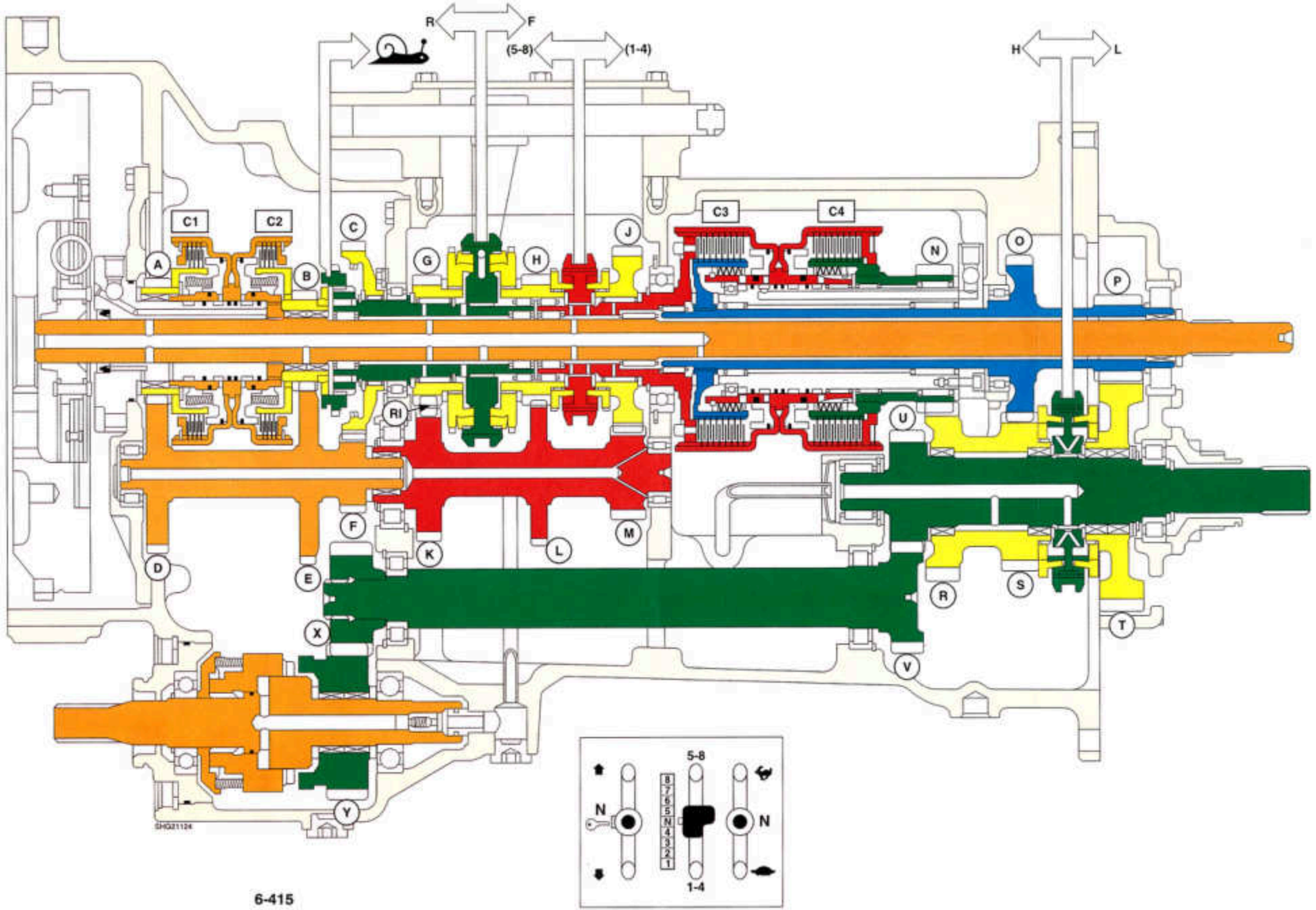
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A = CCLS Pump Supply

B = CCLS Pump Load Sensing Line

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TS Series 16 x 16 ElectroShift™ Transmission



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