Tractors
Series 10
Series 30

SERVICE MANUAL



NEW HOLLAND

MidWestTech | Ford 2610, 3610,4110,4610,5610,6610,7610,7710,3230,3430,3930,4630,2310,2810,3910,8210,7810,2910,6710,4830,5030 Tractor Service Manual | Publication 40001020

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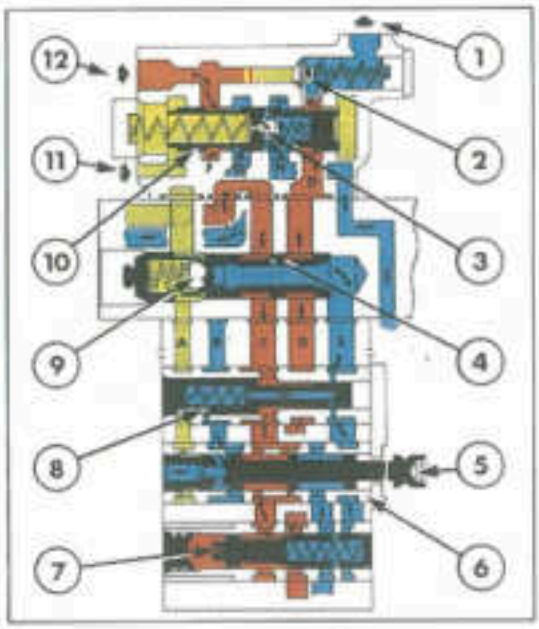


Figure 9
Oil Flow in Neutral

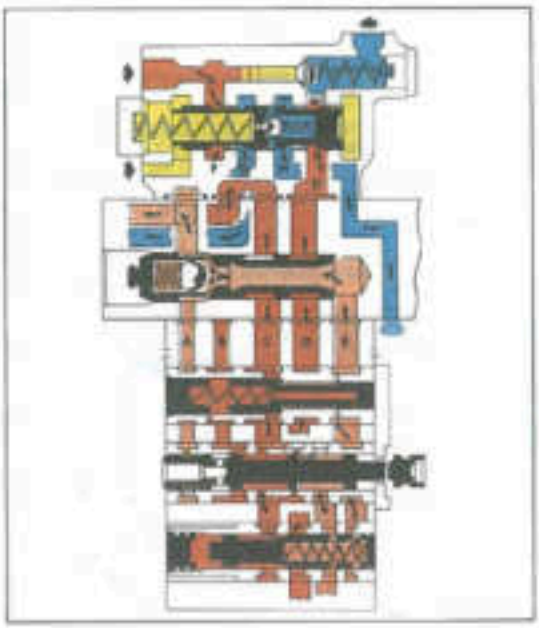


Figure 11
Oil Flow when Slow Raising

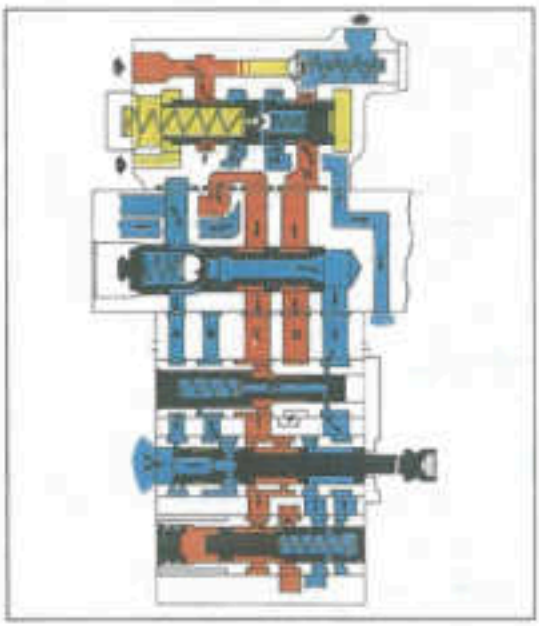


Figure 10
Oil Flow when Lowering

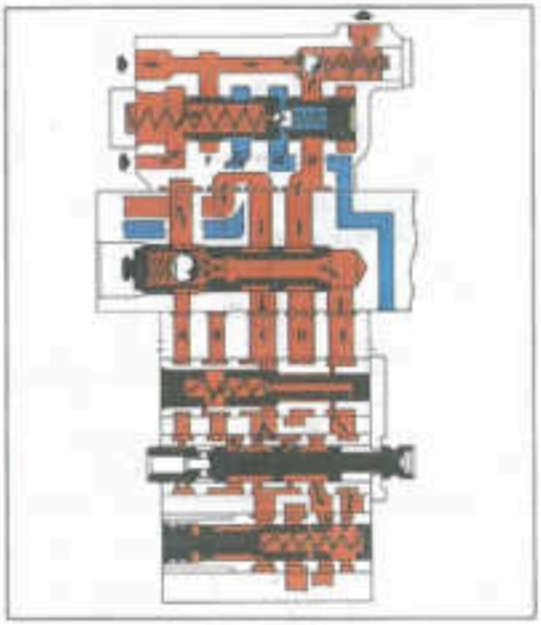


Figure 12
Oil Flow when Fast Raising and Remote Valve Circuit Actuated

OIL FLOW IN LIFT CYLINDER VALVES

Full Flow Oil
Reduced Flow Oil
Reservoir Suction and Exhaust Oil
Trapped Oil

1. To Remote Valve
2. Check Valve
3. Relief Valve
4. From Main Pump
5. Control Valve
6. Control Valve Bushing
7. Feathering Valve
8. Unload Valve
9. Check Valve
10. Combining (Sequence) Valve
11. Pilot Line
12. From Auxiliary Pump

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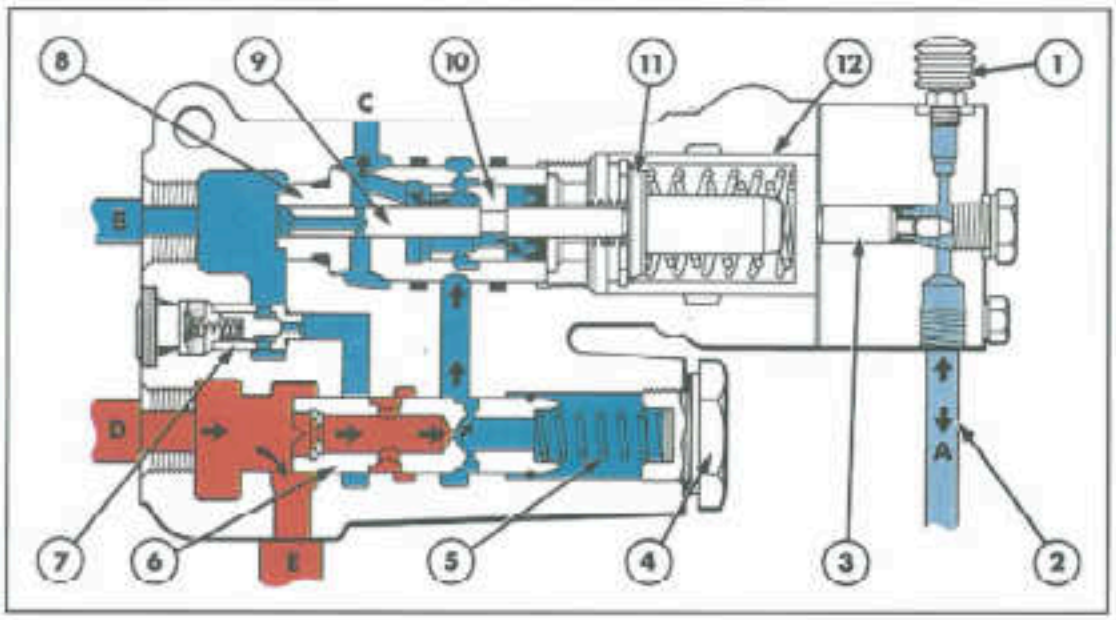


Figure 11
Trailer Brake Valve—Spool in Neutral Position

1. Bleed Nipple
2. Master Cylinder Supply Line
3. Piston
4. End Cap
5. Spring
6. Flow Control Valve

Supply Oil
Return Oil
Master Cylinder Oil

7. Check Valve
8. Control Spool Bore
9. Control Spool Plunger
10. Control Spool
11. Spring Cap
12. Pressure Relief Element

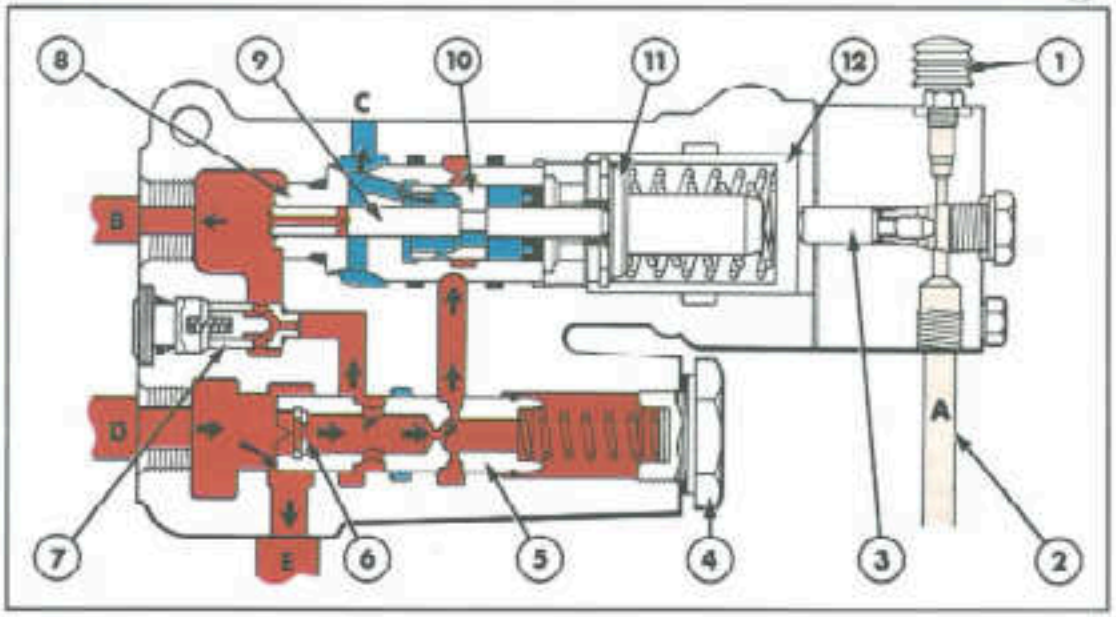


Figure 12
Trailer Brake Valve—Spool in Applied Position

1. Bleed Nipple
2. Master Cylinder Supply Line
3. Piston
4. End Cap
5. Spring
6. Flow Control Valve

Supply Oil
Return Oil
Pressurised Master Cylinder Oil

7. Check Valve
8. Control Spool Bore
9. Control Spool Plunger
10. Control Spool
11. Spring Cap
12. Pressure Relief Element

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