Farmall 55
Farmall 60

Tractors

SERVICE MANUAL

84257441

CASE IH AGRICULTURE

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The following pages are the collation of the contents pages from each section and chapter of the Farmall 55, Farmall 60 Service manual. Complete Service part # 84257441.

The sections used through out all Case IH product Service manuals may not be used for each product. Each Service manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Service manual and which sections are in each book.

The sections listed above are the sections utilized for the Farmall 55, Farmall 60 Tractors.

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SECTION 00 - GENERAL INFORMATION

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Chapter 1 - General Information

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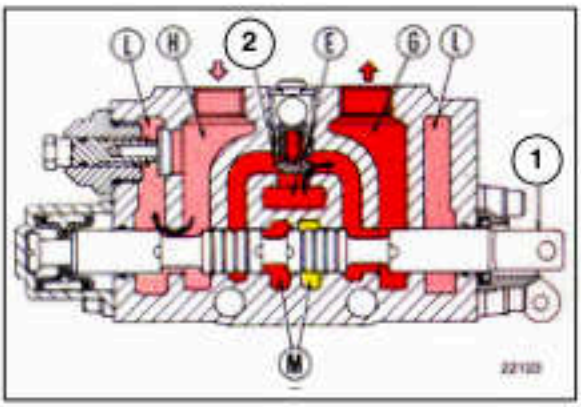
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DOUBLE-ACTING, THREE POSITION, SINGLE SPOOL REAR REMOTE VALVE (W/O KICK-OUT OR FLOAT)

Lift

Movement of the control lever rearward transmits to the auxiliary control valve spool, 1, via mechanical linkage. The position of the spool allows oil from the upper chamber of the lift cylinder to enter port (H) and exhaust through port (L). The pressure in port (E) exits through port (G) by way of the check valve, 2, to the lower chamber of the lift cylinder.

Keeping the control lever pulled back extends the cylinder through a full stroke. On releasing the lever, the spool return spring automatically returns the spool to the neutral position, which allows all oil from the pump to flow through port (M) and on to the lift control valve.

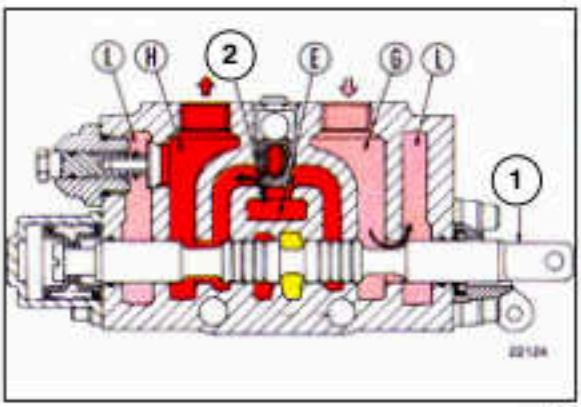


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Lower

Movement of the control lever forward transmits to the auxiliary control valve spool, 1, via mechanical linkage. The position of the spool allows oil from the upper chamber of the lift cylinder to enter port (G) and exhaust through port (L). The pressure in port (E) exits through port (H) by way of the check valve, 2, to the upper chamber of the lift cylinder.

Keeping the control lever pushed forward retracts the cylinder through a full stroke. On releasing the lever, the spool return spring automatically returns the spool to the neutral position, which allows all oil from the pump to flow through port (M) and on to the lift control valve.



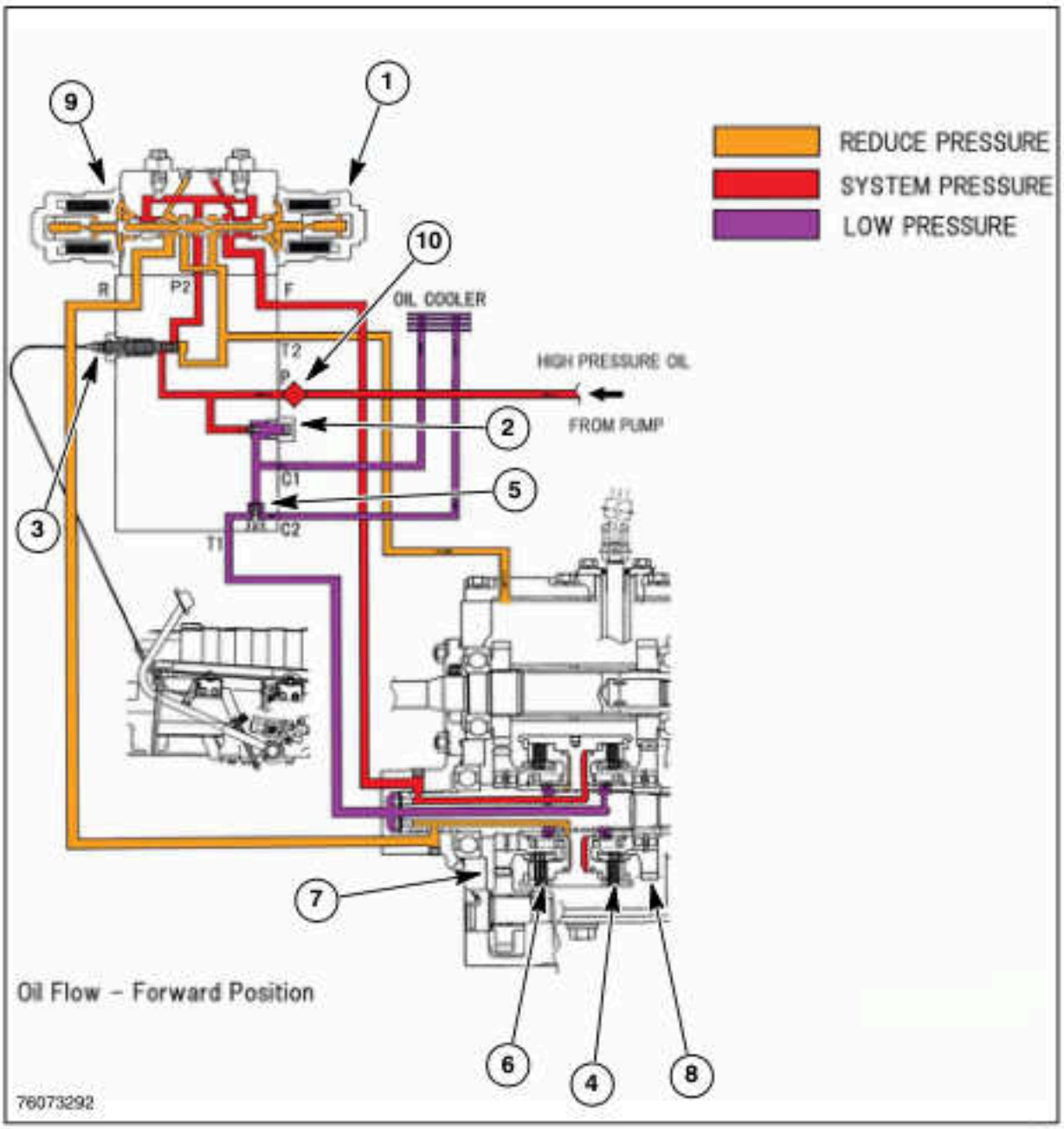
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Pressurized oil

Oil in suction, delivery or exhaust

Static oil

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Forward Position

1. Forward Solenoid
2. System Pressure Relief Valve
3. F/R Clutch Cutoff Valve
4. Forward Clutch Assembly
5. Check Valve
6. Reverse Clutch Assembly
7. Reverse Counter Gear
8. Forward Counter Gear
9. Reverse Solenoid
10. Oil Filter

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