NEW HOLLAND

3040
3045
3050 CVT
Tractors



REPAIR MANUAL

NEW HOLLAND
AGRICULTURE

SERVICE

84126849

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The following pages are the collation of the contents pages from each section and chapter of the Boomer 3040, 3045, 3050 CVT Service manual. Complete Service part # 84126849.

The sections used through out all New Holland 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 Boomer 3040, 3045, 3050 CVT Tractors.

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SECTION 00 - GENERAL INFORMATION

BOOK 1 - 84126850

Chapter 1 - General Information

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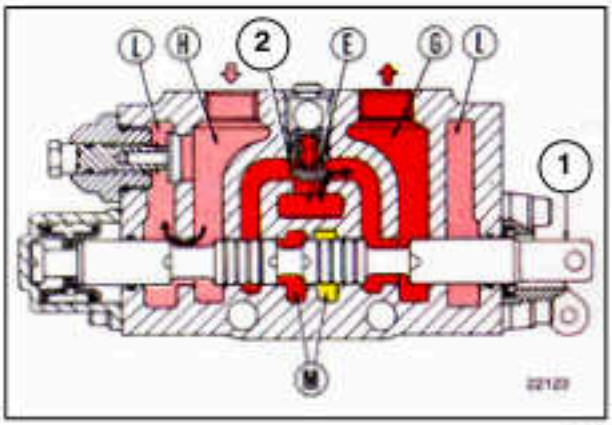
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DOUBLE-ACTING, THREE POSITION, SINGLE SPOOL REAR REMOTE VALVE (W/O KICK-OUT OR FLOAT)

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.

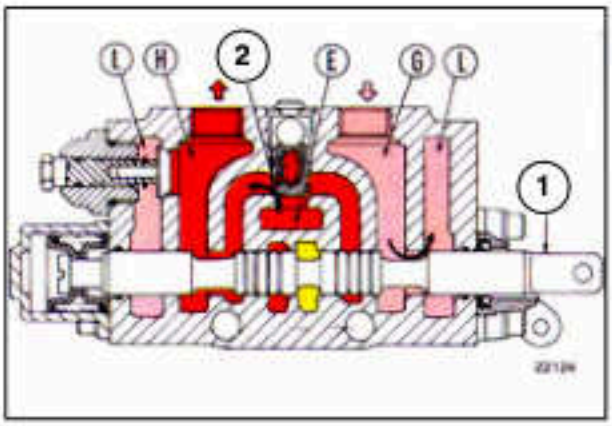


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Lower

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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