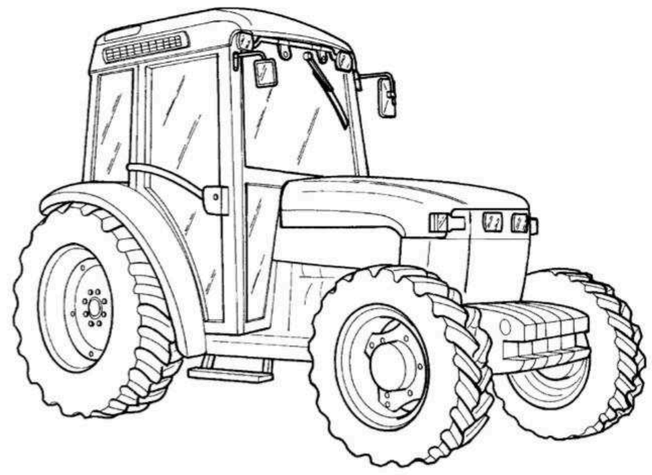


NEW HOLLAND TN75FA TN85FA TN95FA Tractor

SERVICE MANUAL

NEW HOLLAND AGRICULTURE

SERVICE

6035445100

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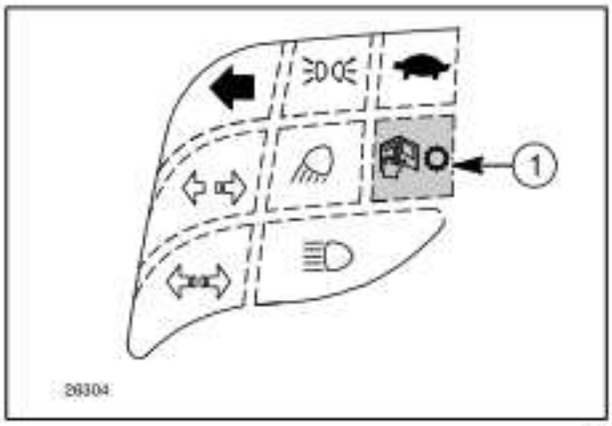
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FAULT CODE INDICATION

In the event of an electrical or electronic fault, any anomalous conditions are indicated by the illumination of an indicator lamp (1).



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FAULT CODE DECODING

The indicator (1) identifies the error code in six phases:

1. 5 flashes in rapid succession to indicate imminent transmission of the error code;
2. 2 second pause;
3. n... flashes to indicate the first figure of the fault code;
4. 1 second pause;
5. n... flashes to indicate the second figure of the fault code;
6. 3 second pause.

The control unit only indicates one code at a time, giving priority to the most serious fault.

If a higher priority fault occurs whilst a lower priority fault is being displayed, the display sequence of higher priorities will wait until the sequence in progress ends, before becoming active.

To check for the presence of other codes the fault must be eliminated, allowing the control unit to proceed to the following fault.

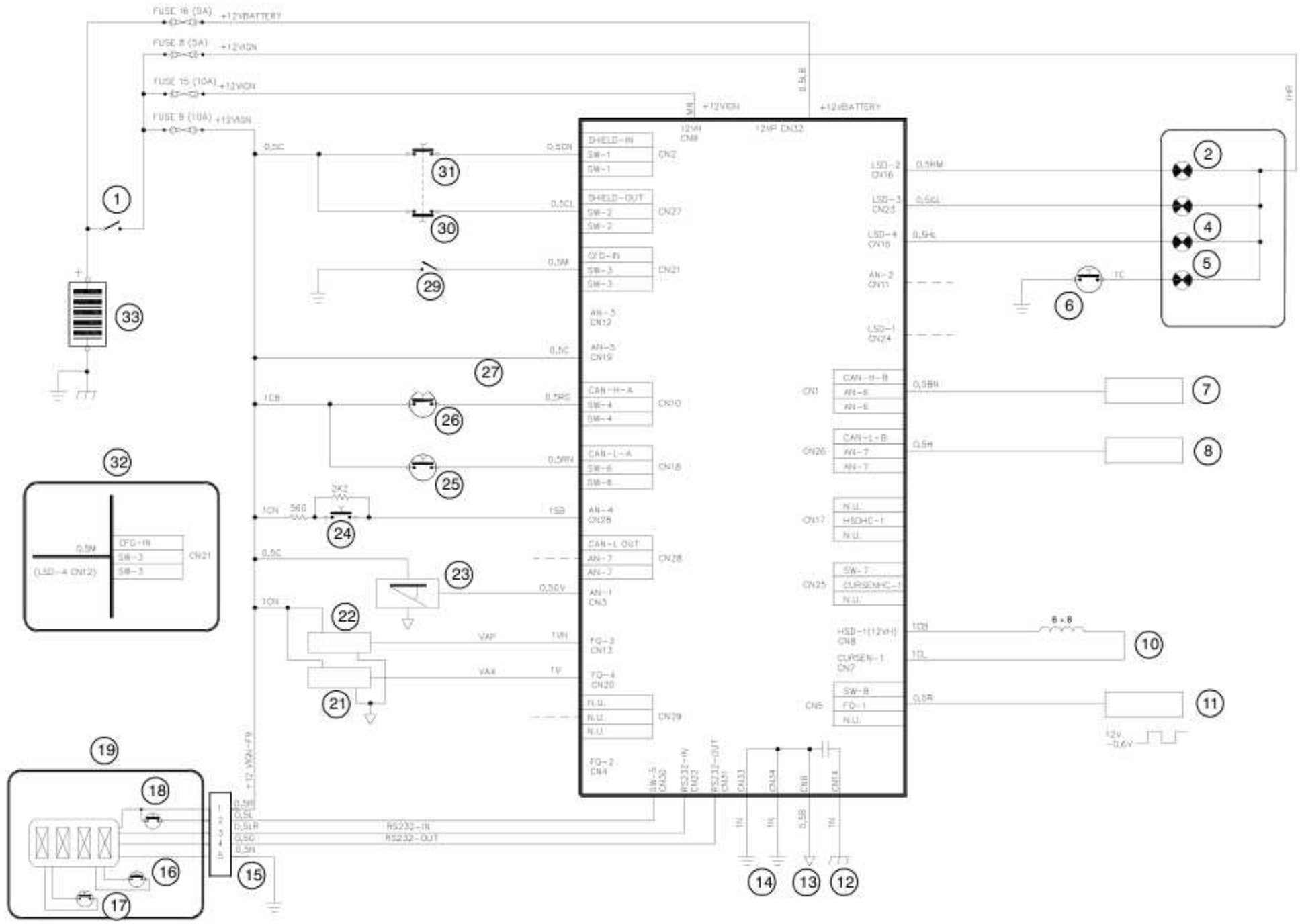
IMPORTANT: *If a fault disables the lift control function, the corresponding code will take precedence over other codes that were previously indicated; these codes will be saved by the system.*

- Example of the interpretation of fault code number 21 -

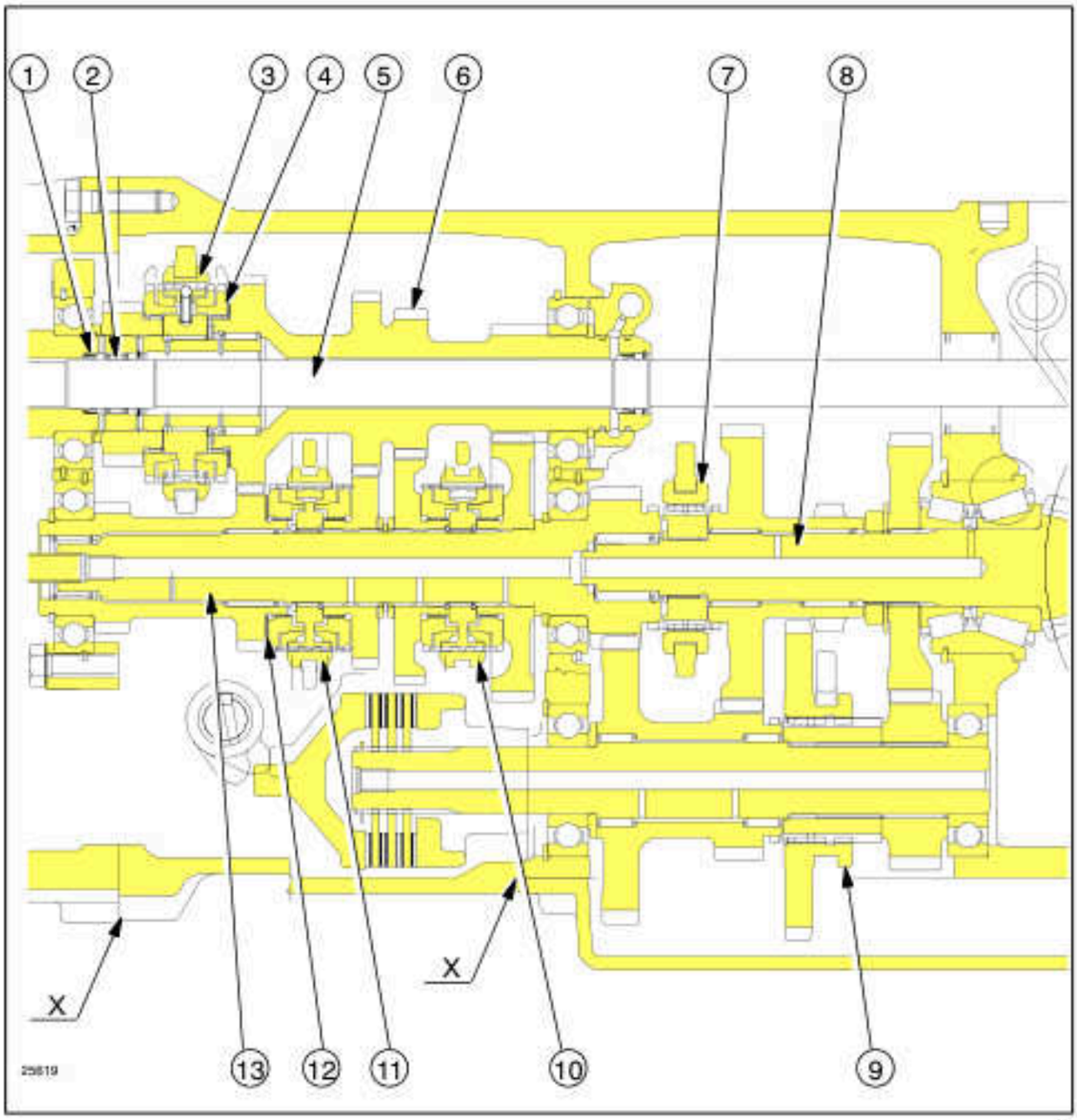
1st phase	2nd phase	3rd phase	4th phase	5th phase	6th phase
●●●●●	pause	●●	pause	●	pause
code transmission warning	2s	first digit 2	1s	second digit 1	3s
		fault code composition 21			

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PTO AND 4WD ELECTRONIC CONTROL UNIT INPUT/OUTPUT WIRING DIAGRAM



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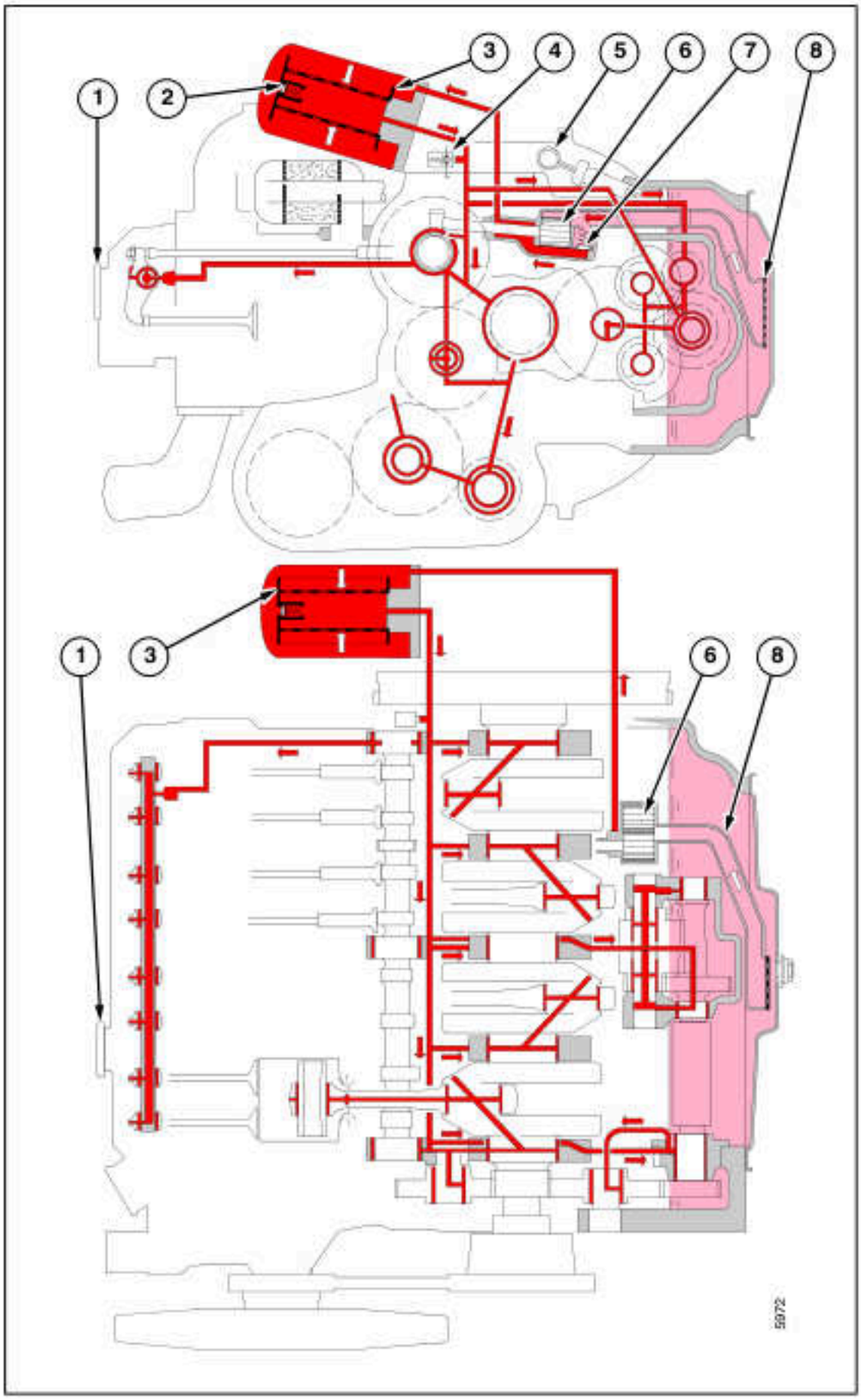
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Longitudinal cross-sectional view of gearbox and gear range.

1. Seal.
2. Power take-off shaft support roller bearings.
3. Reverser control synchroniser.
4. Gearbox driving gear clearance adjusting thickness.
5. Power take-off shaft.
6. Gearbox driving gear.
7. Selector sleeve for high or medium-low speeds.
8. Bevel pinion shaft.
9. Selector sleeve for low or medium-high speeds.
10. Synchroniser for 1st and 2nd speed.
11. Synchroniser for 3rd and 4th speed.
12. Gearbox driven shaft gear clearance adjusting thickness.
13. Gearbox driven shaft.

Note – On assembly apply a bead of sealing compound to the surfaces **X** as indicated on page 34.

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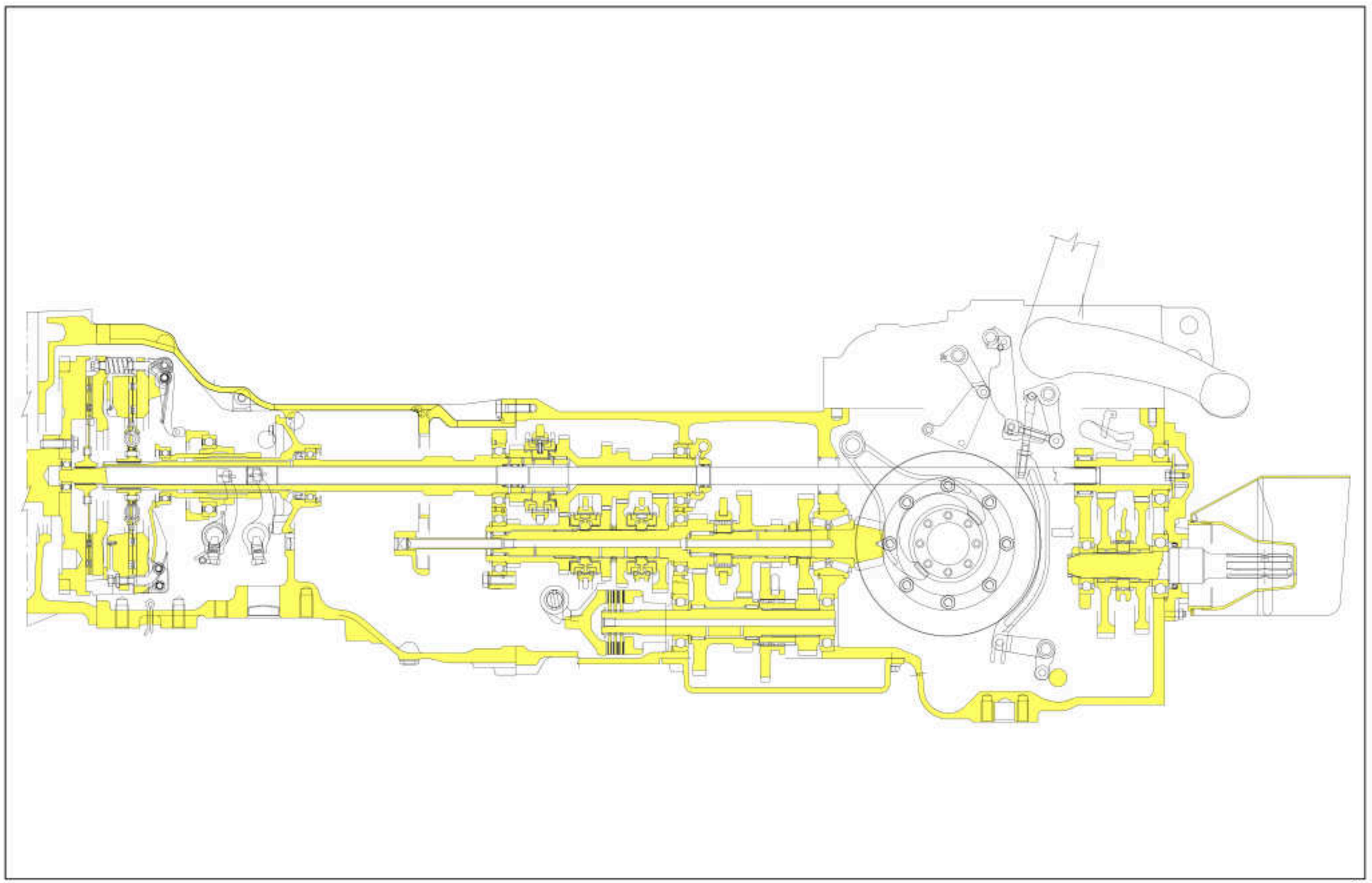


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Engine lubrication system diagram

1. Oil filler cap - 2. Filter safety valve (opens when oil pressure at filter inlet exceeds the outlet pressure by 1.5-1.7 bar/cm^2) - 3. Filter - 4. Engine lubrication oil low pressure indicator lamp switch (located on the dashboard) - 5. Dipstick - 6. Pump - 7. Oil pressure limiting valve - 8. Mesh filter on inlet.

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Longitudinal cross-sectional view of gearbox and gear range.

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