JX55, JX65, JX75, JX85, JX95 Tractors

Repair Manual

87060402

CASE

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REPAIR MANUAL
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The following pages are the collation of the contents pages from each section and chapter of the JX Tractor Repair manual. Complete Repair part # 87060401.

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

The sections listed above are the sections utilized for the JX Tractors.

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SECTION 00 - GENERAL

BOOK 1 - 87060402

Chapter 1 - General

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SECTION 10 - ENGINE

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Chapter 1 - Engines Before PIN HFJ013287

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SECTION 10 - ENGINE

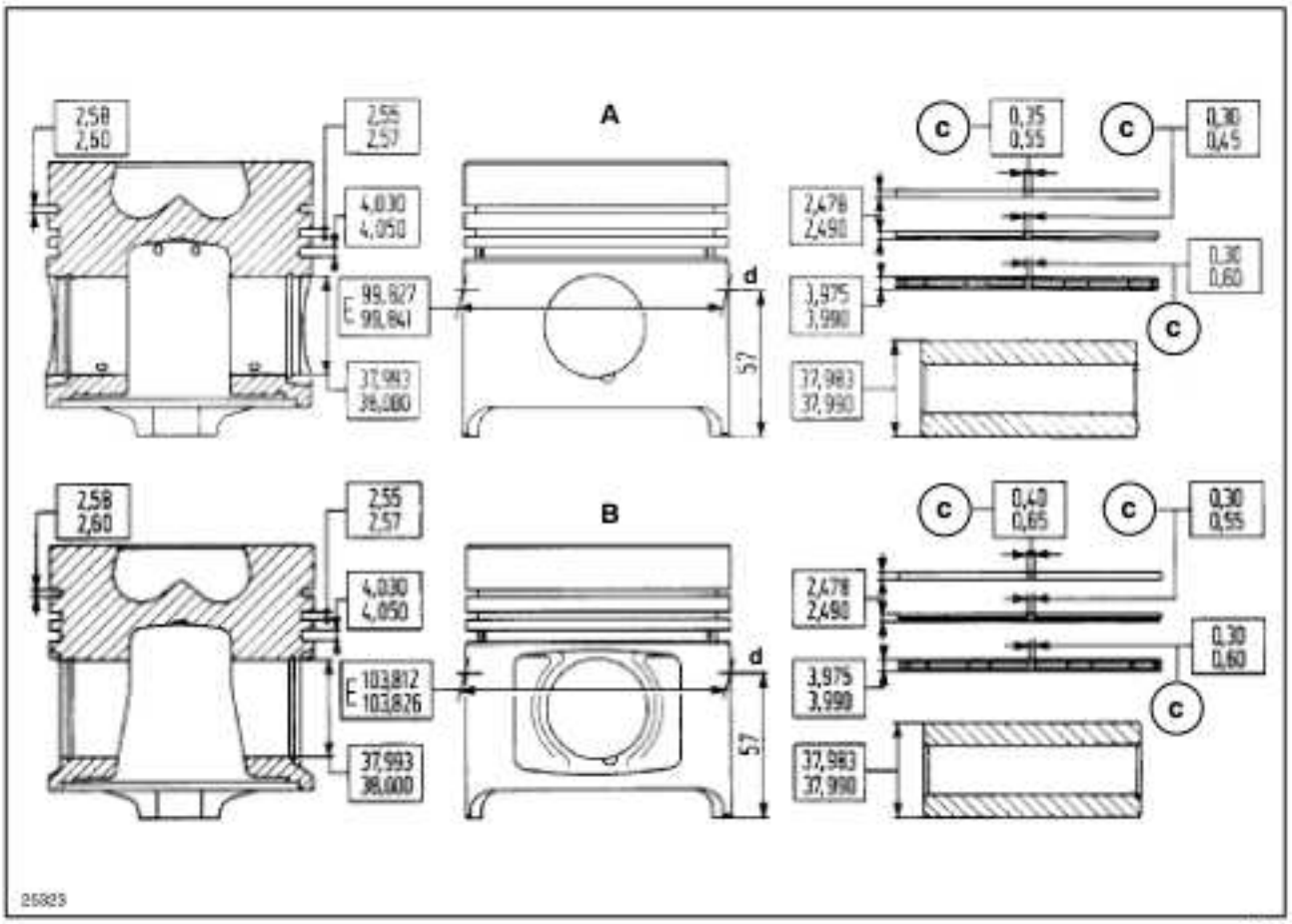
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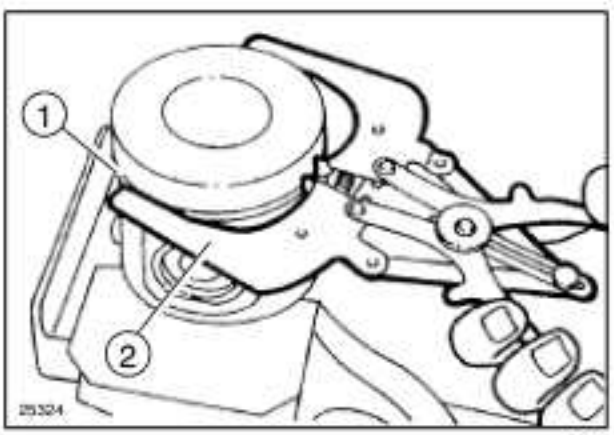
Dimensions (mm) of standard pistons, gudgeon pins and rings.

A. JX55, JX65 models
B. JX75, JX85 and JX95 models
c. Measurement to be obtained with ring inserted in cylinder bore.
d. Piston diameter measured at 57 mm (2.24 in.) from the base of the skirt.

When removing or installing piston rings (1), use pliers **380000221** (2).

Install rings in grooves in the order indicated in fig. 157.

When installing pistons on connecting rods, check that the clearance between the gudgeon pin and bore in the piston is within the tolerance specified on page 9.



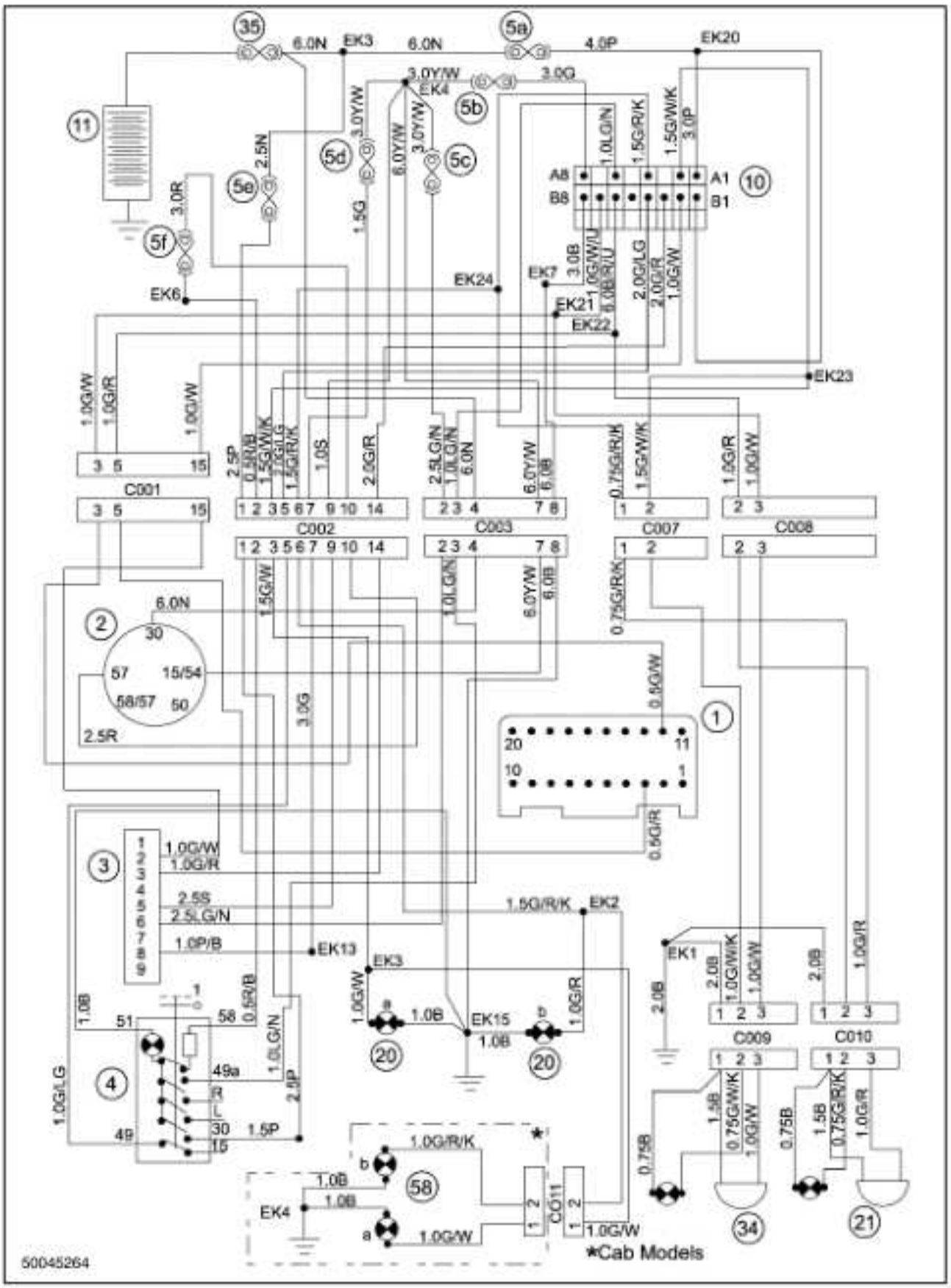
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TROUBLESHOOTING

Problems	Possible causes	Solutions
Braking ineffectual.	1. Friction material on brake discs worn.	Replace the brake discs.
Unbalanced braking.	1. Incorrect tire pressure.	Inflate the tires to the correct pressure.
	2. Friction material on one of the brake discs worn.	Replace the discs.
Braking noisy.	1. Friction material on brake discs worn.	Replace the discs.
Parking brake does not lock.	1. Braking sectors worn.	Replace the braking sectors.
The tractor continues to be braked when the parking brake is disengaged.	1. Braking sectors seized on brake discs.	Release and replace damaged parts.

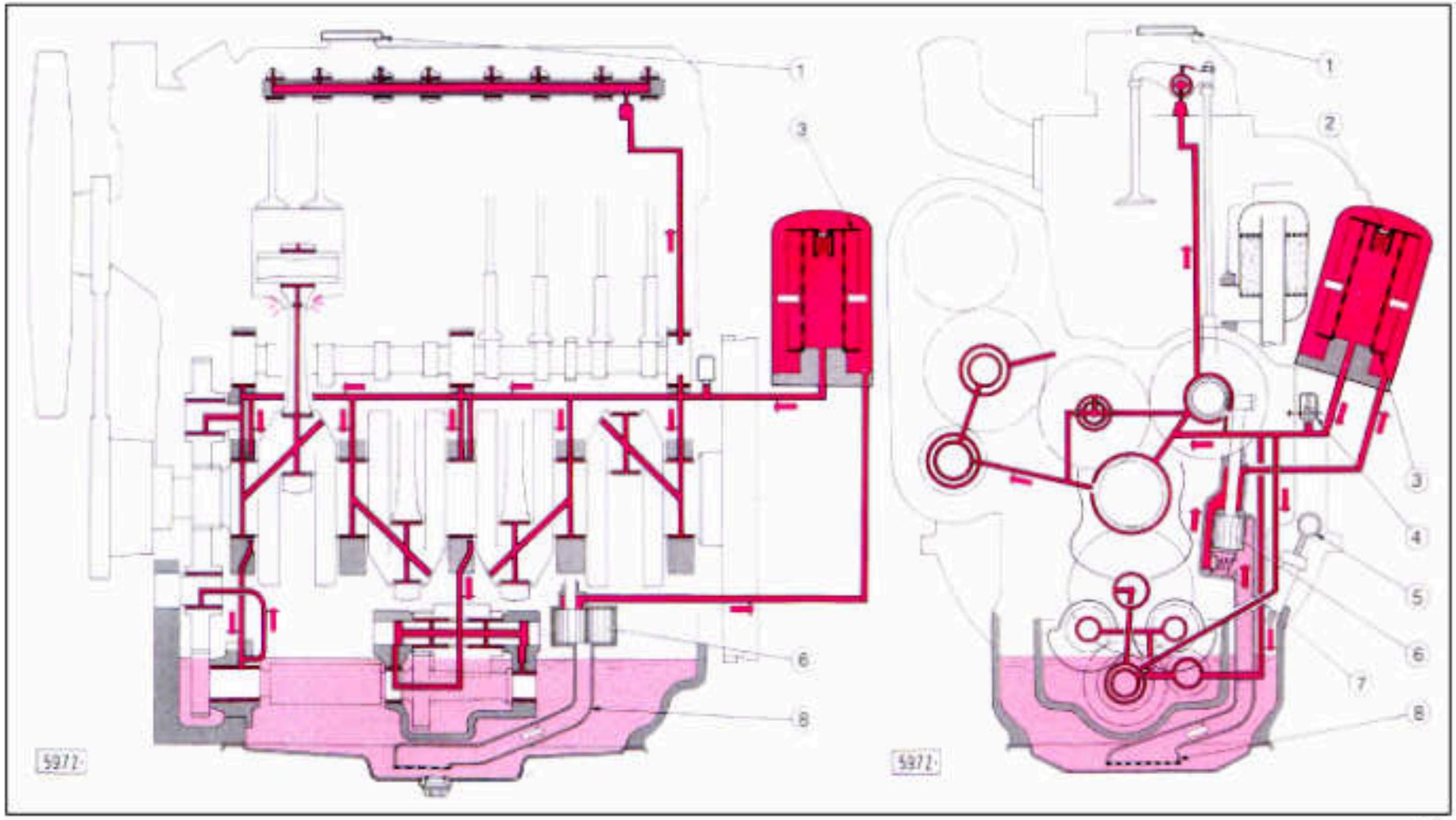
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Direction Indicators and Hazard Light Circuits

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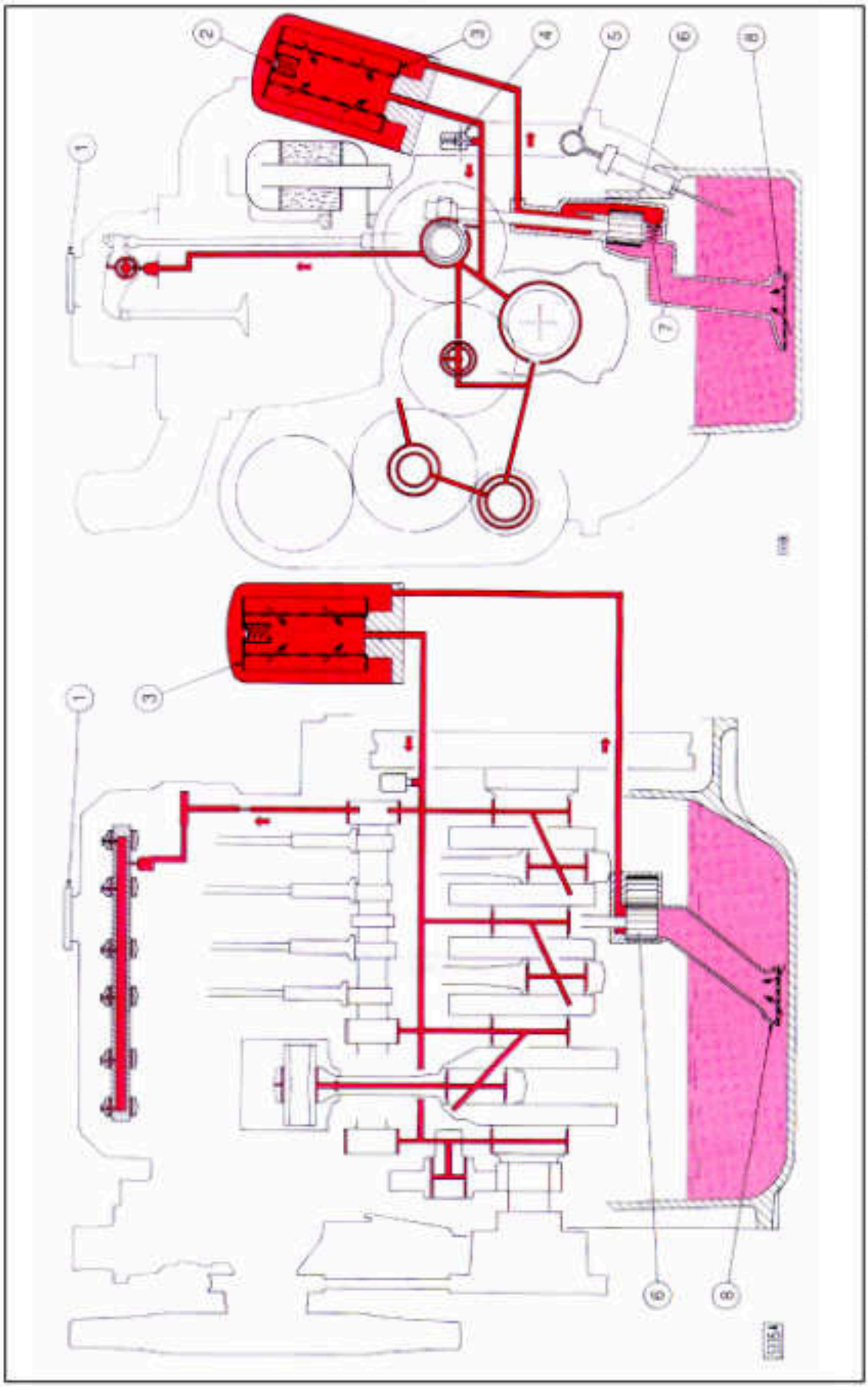


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Engine Lubrication System on JX75, JX85, and JX95 models

1. Oil filler cap
2. Filter safety valve (opens when oil pressure at filter inlet exceeds the pressure at the outlet by 1.5 - 1.7 bar/cm^2 (21.7 - 24.6 psi)
3. Filter
4. Switch for low engine oil pressure warning (on dashboard)
5. Dipstick
6. Pump
7. Oil pressure limiting valve
8. Screen filter on pick-up pipe.

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Lubrification system of 3-cylinder engine

1. Oil filler cap 2. Filter safety valve (opens when oil pressure at filter inlet exceeds the pressure at the outlet by 1.5 - 1.7 bar/cm^2(21.7 - 24.6 psi) 3. Filter. 4. Switch for low engine oil pressure warning (on dashboard). 5. Dipstick. 6. Pump. 7. Oil pressure limiting valve. 8. Screen filter on pick-up pipe.

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