Wacker Neuson Group

Service manual

Telehandlers

TH522



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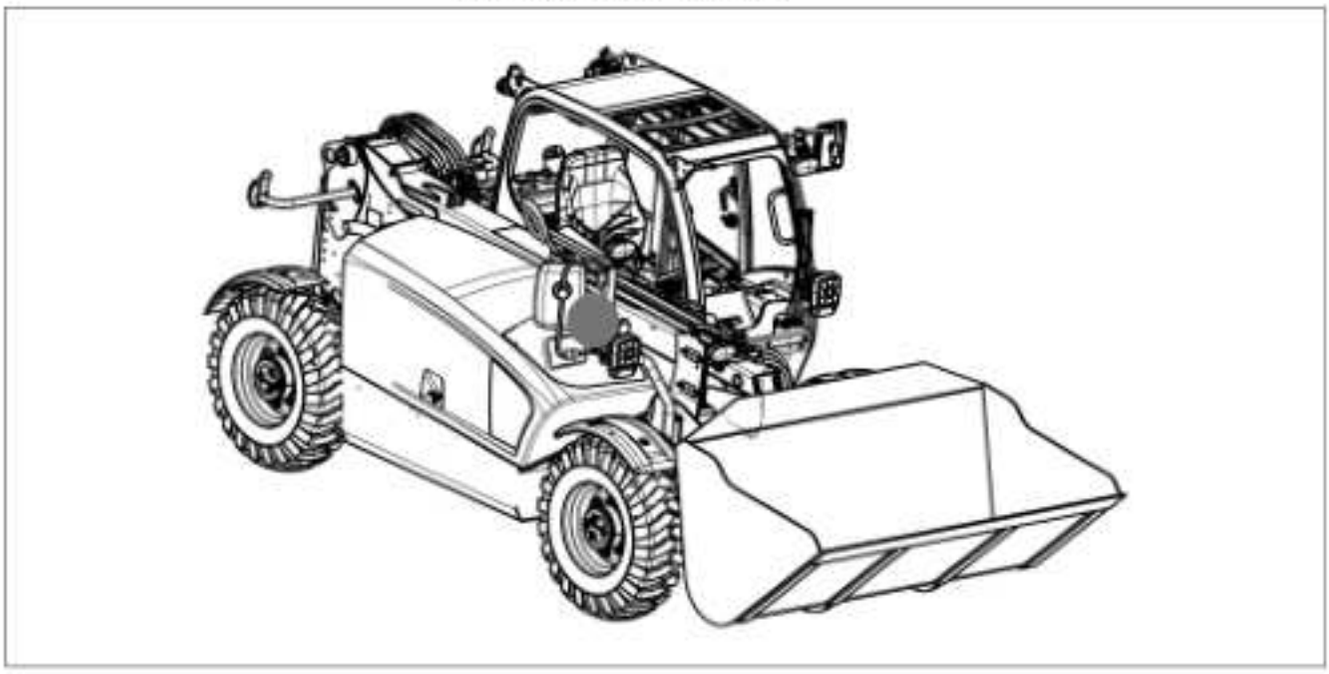
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2.2 Alternator (36.7 kW)

Remove / install alternator

Technical Specifications



	Value	Material identification	Comment/designation	
	5 kg		Alternator	
Tightening torques without specification, see chapter: Introduction/Tightening torques				

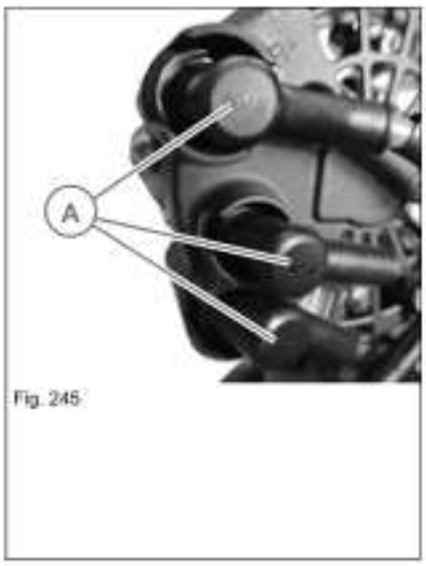


Fig. 245

Disassemble

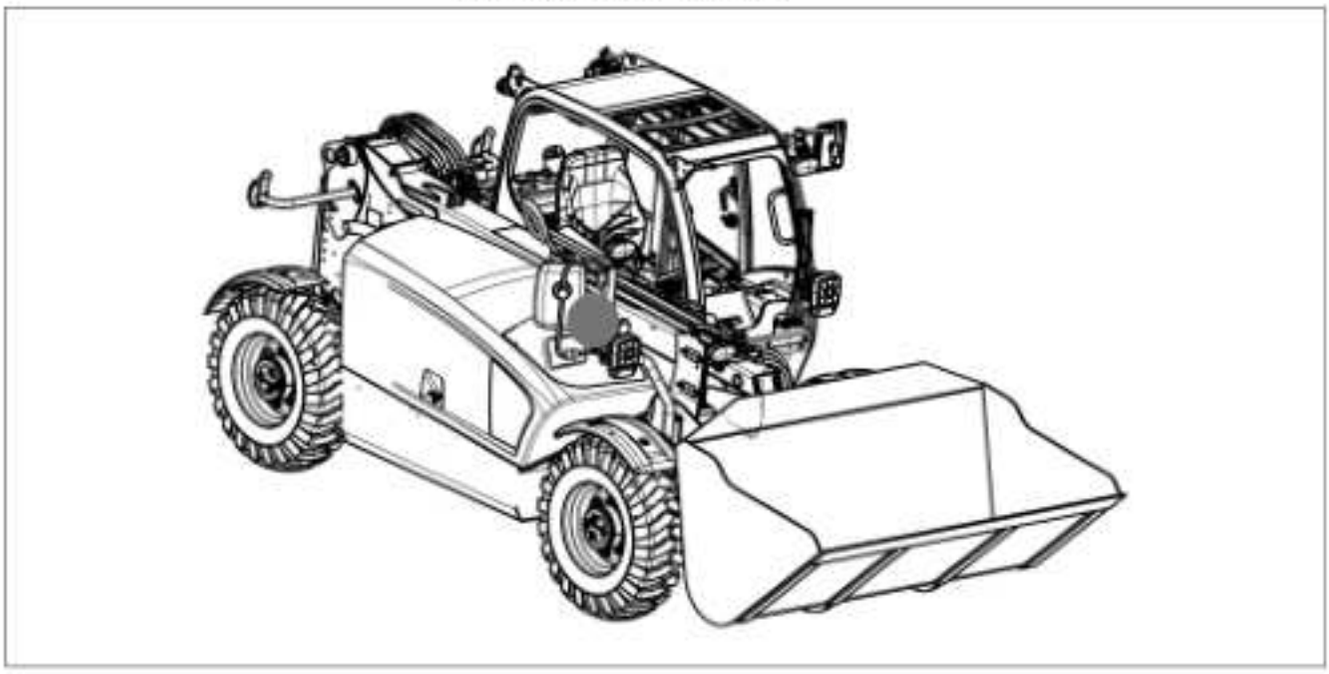
1. Switch off battery master switch **S008** – *see "Battery master switch S008" on page 1-5.*
2. Remove coolant reservoir if necessary – *see "Disassemble" on page 3-2.*
3. Remove fan filter housing if necessary.
4. Remove rubber cups **A**.

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2.5 Alternator (44.3 kW)

Remove / install alternator

Technical Specifications



	Value	Material identification	Comment/designation	
	5 kg		Alternator	
Tightening torques without specification, see chapter: Introduction/Tightening torques				

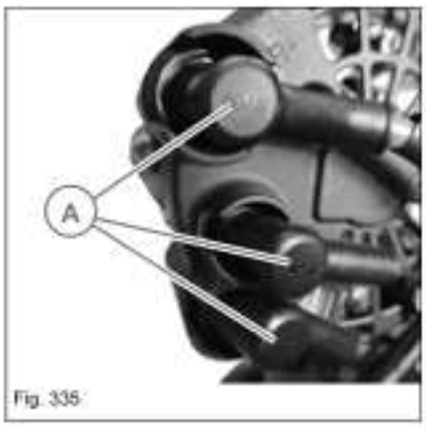


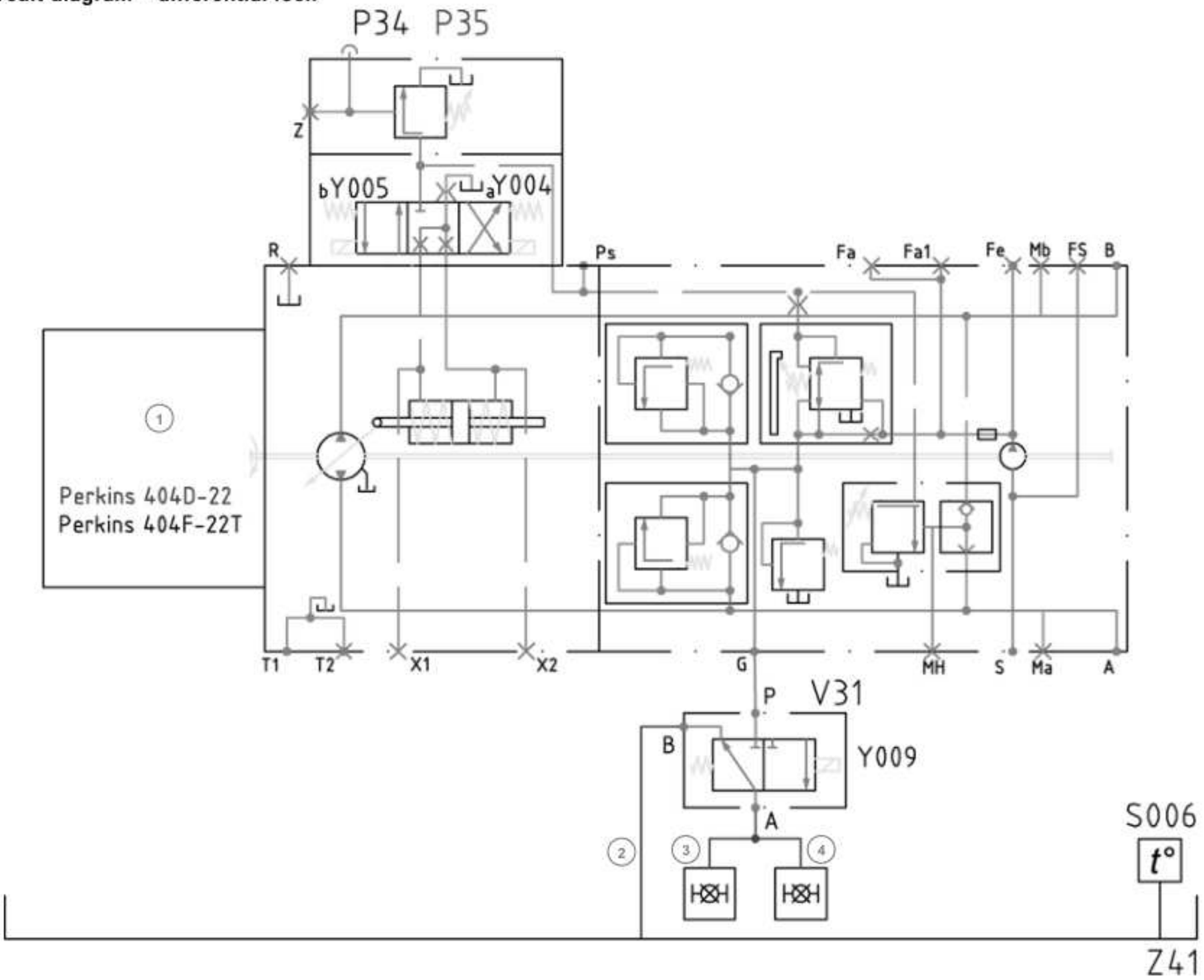
Fig. 335

Disassemble

1. Switch off battery master switch **S008** – *see "Battery master switch S008" on page 1-5.*
2. Remove cover below the engine bay – *see "Other maintenance openings" on page 1-19.*
3. Remove rubber cups **A**.

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8.25 Hydraulic circuit diagram – differential lock



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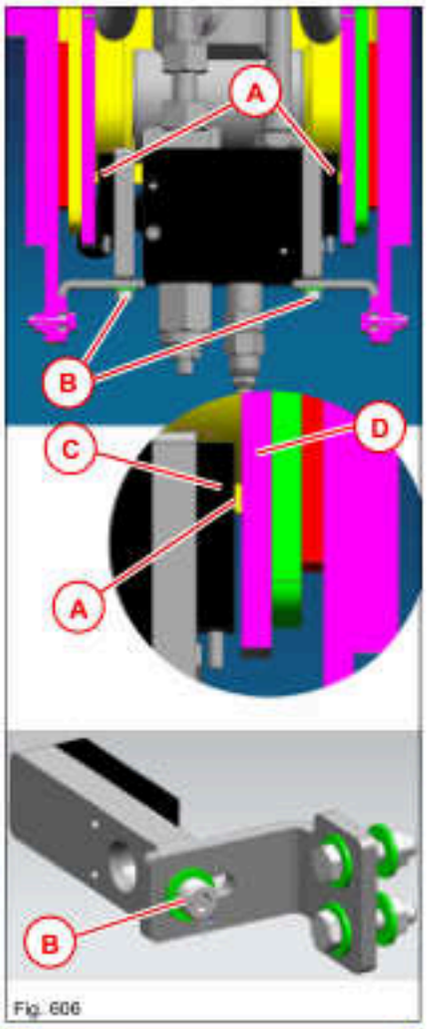


Fig. 606

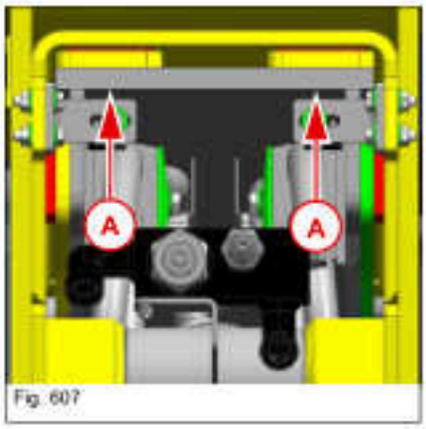


Fig. 607

Adjustment

1. Stop and park the machine.
2. Retract the telescopic boom completely.
3. Apply the parking brake.
4. Stop the engine.
5. Remove the starting key.
6. Switch off battery master switch **S008** – *see "Battery master switch S008" on page 1-5.*
7. Loosen screw **B** of the limit switch **C** to be adjusted (hexagon socket A/F5).
8. Push spacer **A** (4 mm) between inner tube **D** of the telescopic boom and limit switch **C**.
9. Push limit switch **C** against spacer **A** (4 mm).
10. Tighten screw **B** of the limit switch **C** to be adjusted (hexagon socket A/F5).
11. Check whether the limit switches can collide with the weld seams **A** at the top of the inner tube of the telescopic boom.

NOTICE

If the limit switches can collide with the weld seams at the top of the inner tube of the telescopic boom, the limit switches could be irreparably damaged.

► Correct installation position of the limit switch.

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Control and display elements

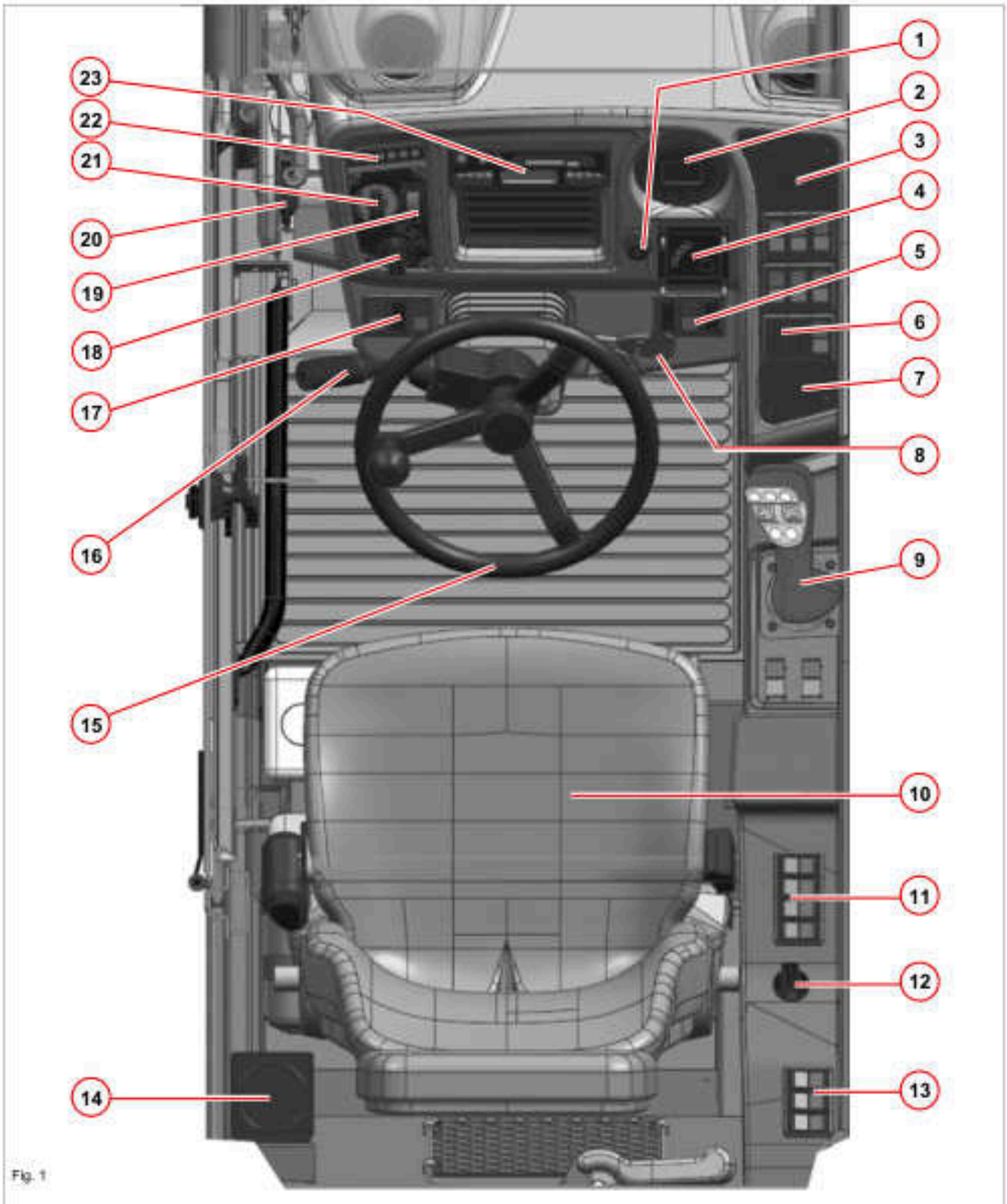
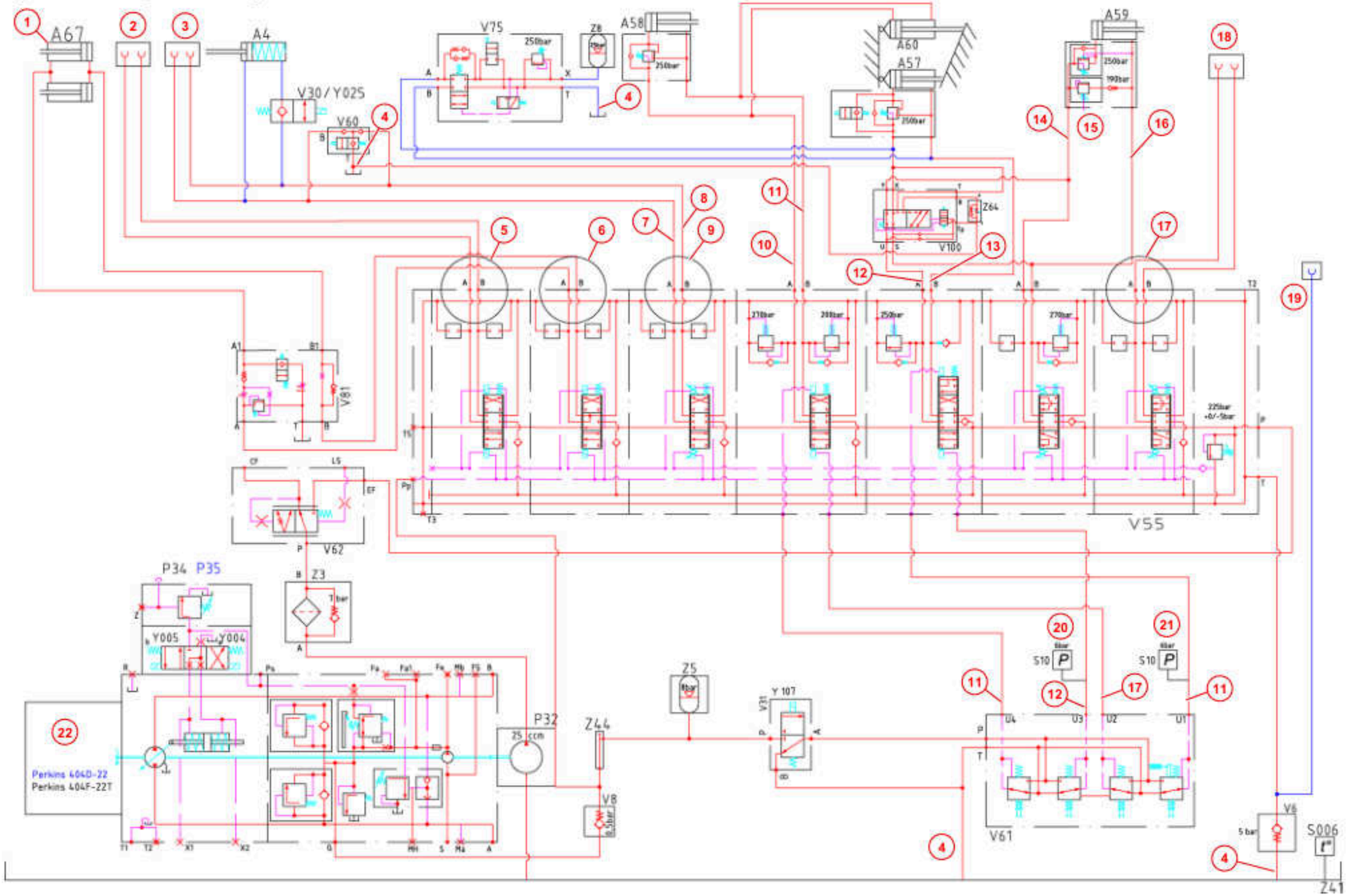


Fig. 1

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8.18 Hydraulics diagram – 7-way control valve



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