FARMALL® 110U
FARMALL® 120U
Tier 4B (final)
Tractor

SERVICE MANUAL

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CASE IH AGRICULTURE

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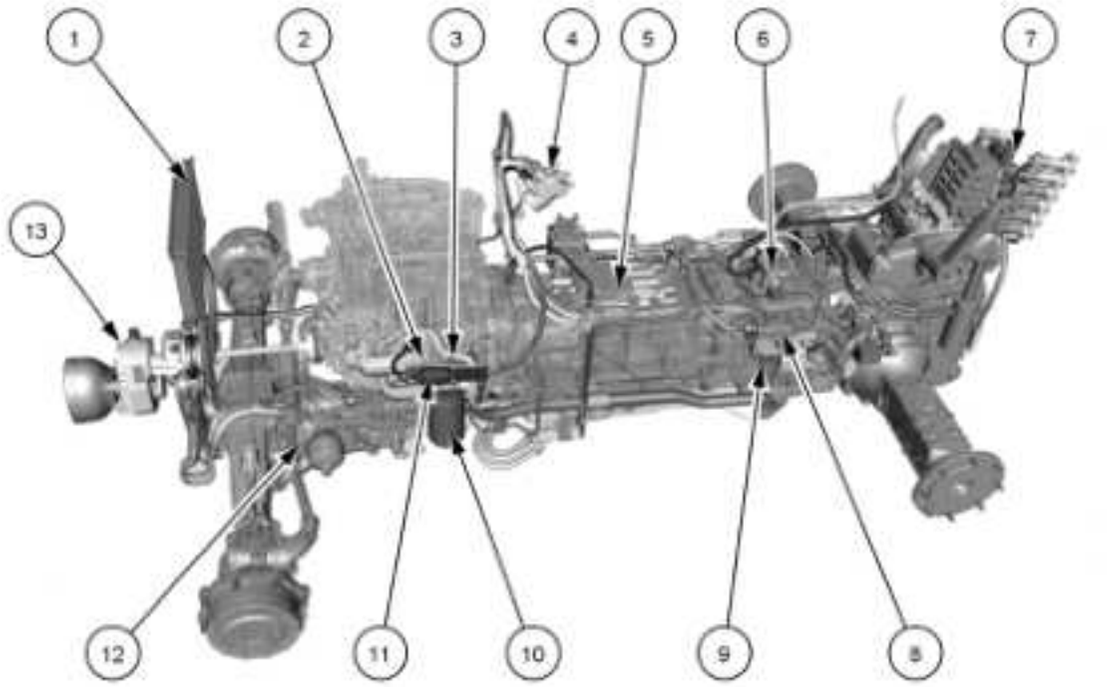
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Regulated/Low pressure system - Static description - Steering and low pressure circuit

Main hydraulic components



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Item	Description	Information
1	Oil cooler	Transmission cooler return line - Component localization - Oil cooler lines (21.109)
		Transmission cooler - Technical Data - Oil cooler (21.109)
2	Steering pump	Pump - Technical Data (35.304)
3	Transmission filter (**18 µm**)	
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2027 - Engine speed no signal

NOTE: *When the cause of the error code has been rectified, clear the error code and test the system for normal operation.*

Cause:
This fault code indicates an engine under speed has occurred. If engine speed falls below **500 RPM** for **5 s**, this fault code will occur. This fault code does not necessarily indicate an error status but is used more for information purposes and inhibit handling.

Possible failure modes:

1. Information code indicating an engine under run has been detected

Solution:

1. Check for the error code.

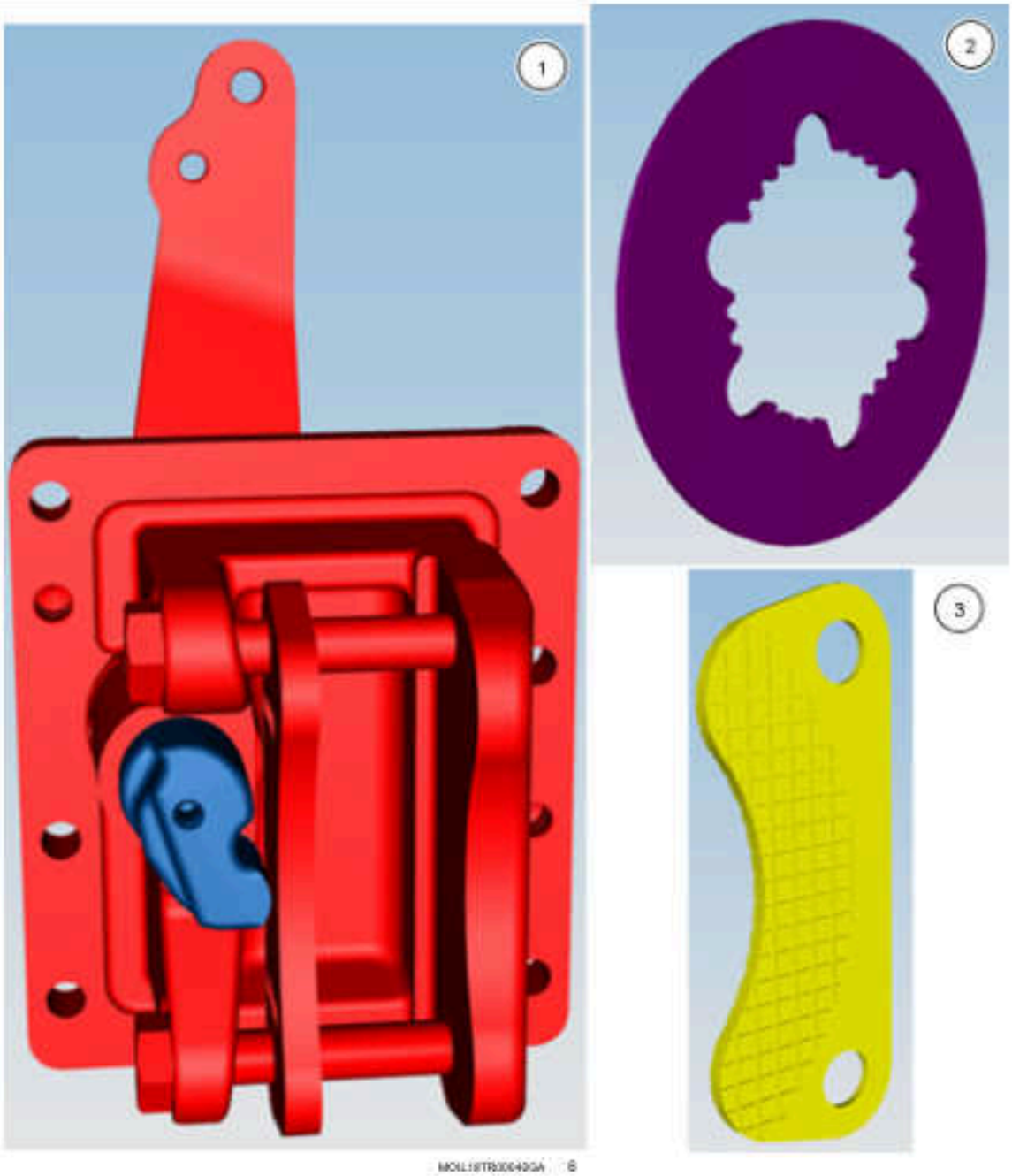
   A. Clear the error code with the approved diagnostic equipment. Run the machine under normal conditions and retest. If the error code does not display again or displays very infrequently, no action is necessary

   B. If the fault is still present, check to ensure that the driving conditions of the machine are not causing the error. If the driving conditions of the machine seem okay, download the correct level of software. If the fault reoccurs, remove and replace the engine controller.

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Wiring harnesses - Electrical schematic sheet 18 (55.100)

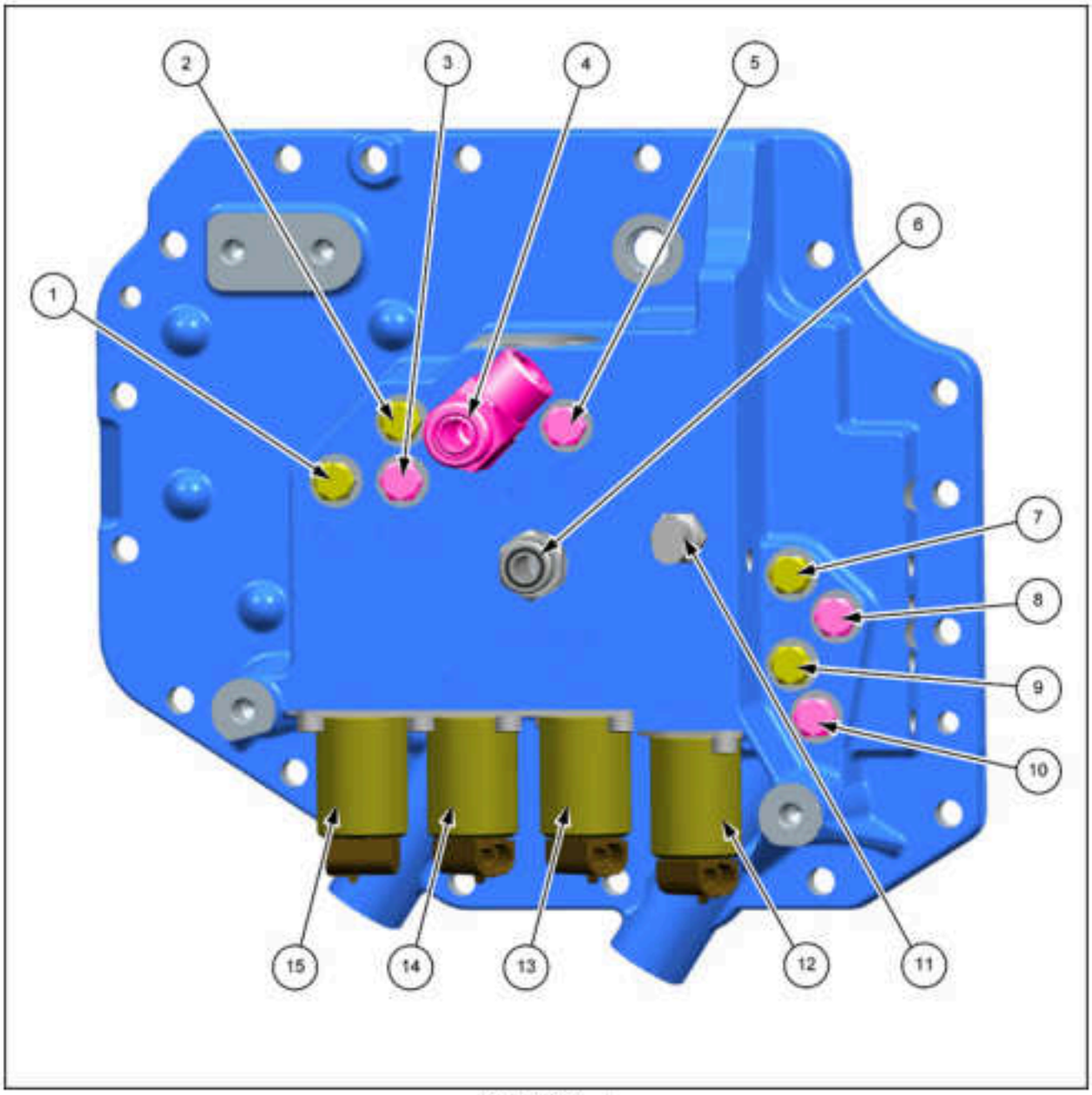
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1	Support handbrake
2	Parking brake discs
3	Brake pads

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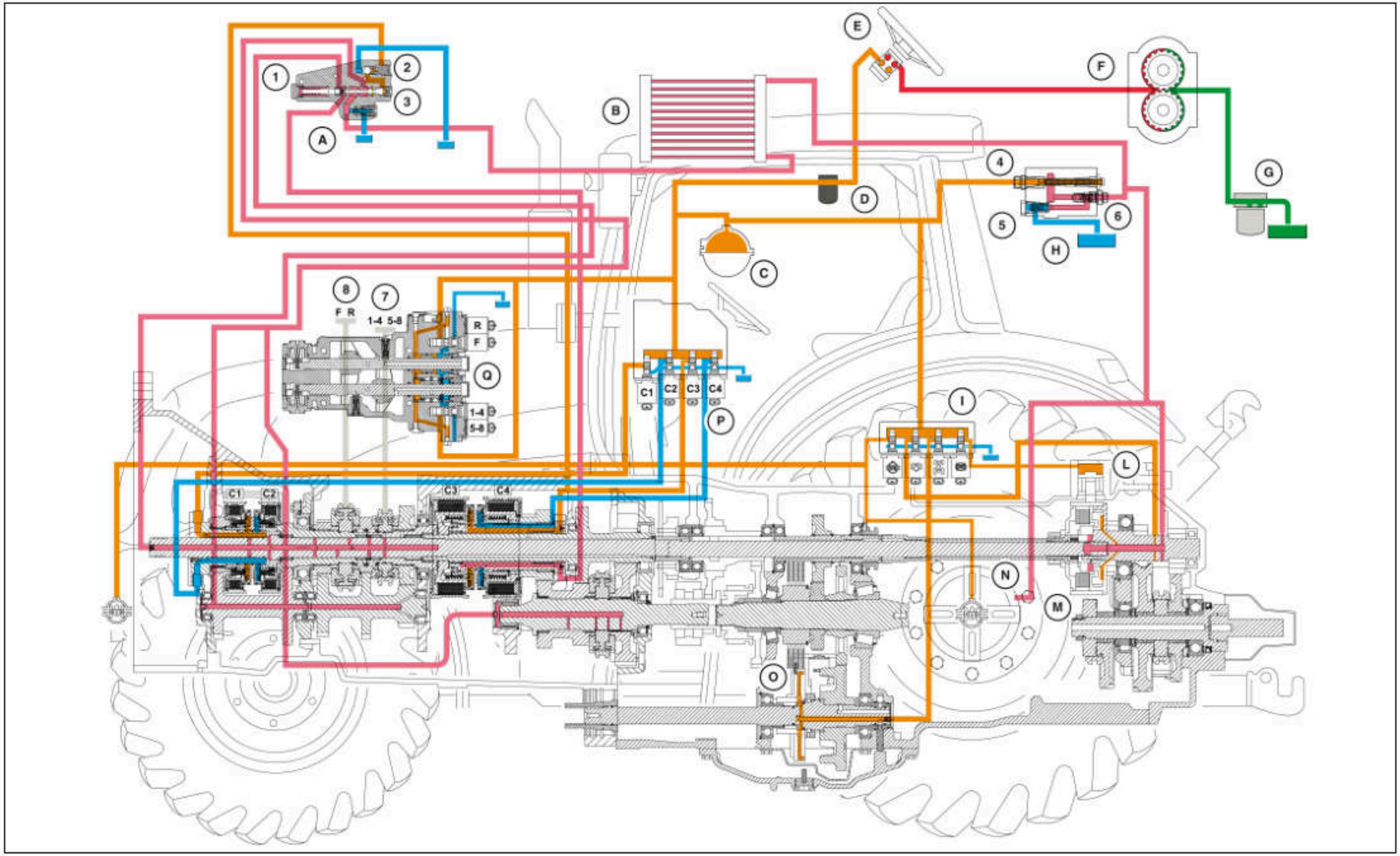
Transmission lubrication valve - Static description



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1. C4 Pressure test port
2. C3 Pressure test port
3. C3/C4 Lube pressure test port
4. Lube inlet connector
5. Lube supply pressure test port
6. Regulated pressure inlet (**18 bar**)
7. C2 Pressure test port
8. C1/C2 Lube pressure test port
9. C1 pressure test port
10. Lube pressure (to lower shaft)
11. Oil temperature sensor
12. C1 PWM solenoid valve
13. C2 PWM solenoid valve
14. C3 PWM solenoid valve
15. C4 PWM solenoid valve

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