SERVICE MANUAL

T5.110 Electro Command™
T5.120 Electro Command™
Tier 4B (final)
Tractor

PIN HLRT5120JHLO10006 and above

Part number 51487916
1st edition English
June 2018

MidWestTech | New Holland T5.110, T5.120 Electro Command Tier 4B Tractor Service Manual | Publication 51487916

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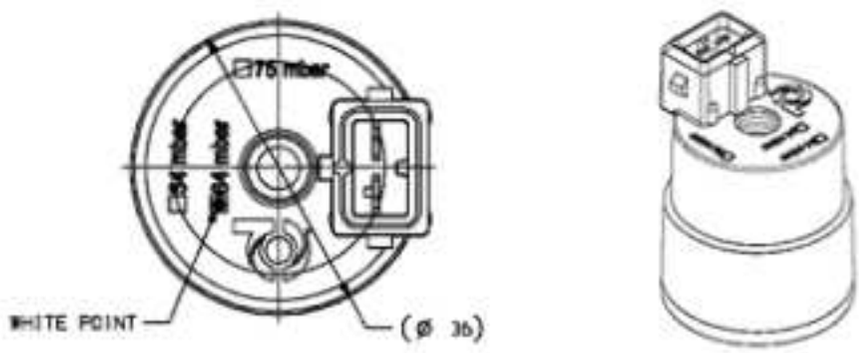
Air cleaner restriction sensor - Technical Data



MD&17TR020186A 1

Material	EN0712011
Calibration	**0.064 bar** (**0.928 psi**) ± 5% at **23 °C** (**73 °F**)
Operating temp. range	**-40 – 90 °C** (**-40 – 194 °F**)
Should be screwed on the air cleaner nipple by hand	
Voltage	**12 – 24 V**
Max. load	**6 W**
Contact	Normally open

NOTE: *If inductive load can occur an appropriate protection must be foreseen*



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Wiring harnesses - Electrical schematic sheet 23 (55.100)

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19155 - DEF/AdBlue supply module pump motor speed deviation

Control Module: ECU

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

Context:
The ECU engine control unit receives the pump motor speed signal from the A-021 NOx reduction module via an integrated circuit. This fault occurs when the ECU detects an error in the pump motor speed signal.

Cause:
The ECU control unit has detected an error in the pump motor speed signal.

Possible failure modes:

1. Incorrectly connected or damaged connectors
2. NOx reduction module faulty
3. Fault in the ECU

Solution:

1. Connect the diagnostics instrument and check if the fault is present and active.

   A. If the fault is present and active, continue to step **2**.

   B. If the fault is no longer present or in an inactive state, the fault may be intermittent and not currently active. Continue to step **5**.

2. Check the ECU control unit's X-937 connector.
   Disconnect the connector and check that the pins are not damaged. Reconnect the connector and make sure that the connection is firm.

   A. If a fault is found in the connector, repair if possible or replace.

   B. If no problems have been detected with the connector, continue with step **3**.

3. Check the NOx reduction module's X-356 connector.
   Disconnect the connector and check that the pins are not damaged. Reconnect the connector and make sure that the connection is firm.

   A. If a fault is found in the connector, repair if possible or replace.

   B. If no problems have been detected with the connector, continue with step **4**.

4. Replace the A-021 NOx reduction module.
   Clear the fault code, operate the machine and check the system for normal operation.

   A. If the fault code is still present, download the correct level of software. If the fault recurs, remove and replace the ECU A-010 control unit.

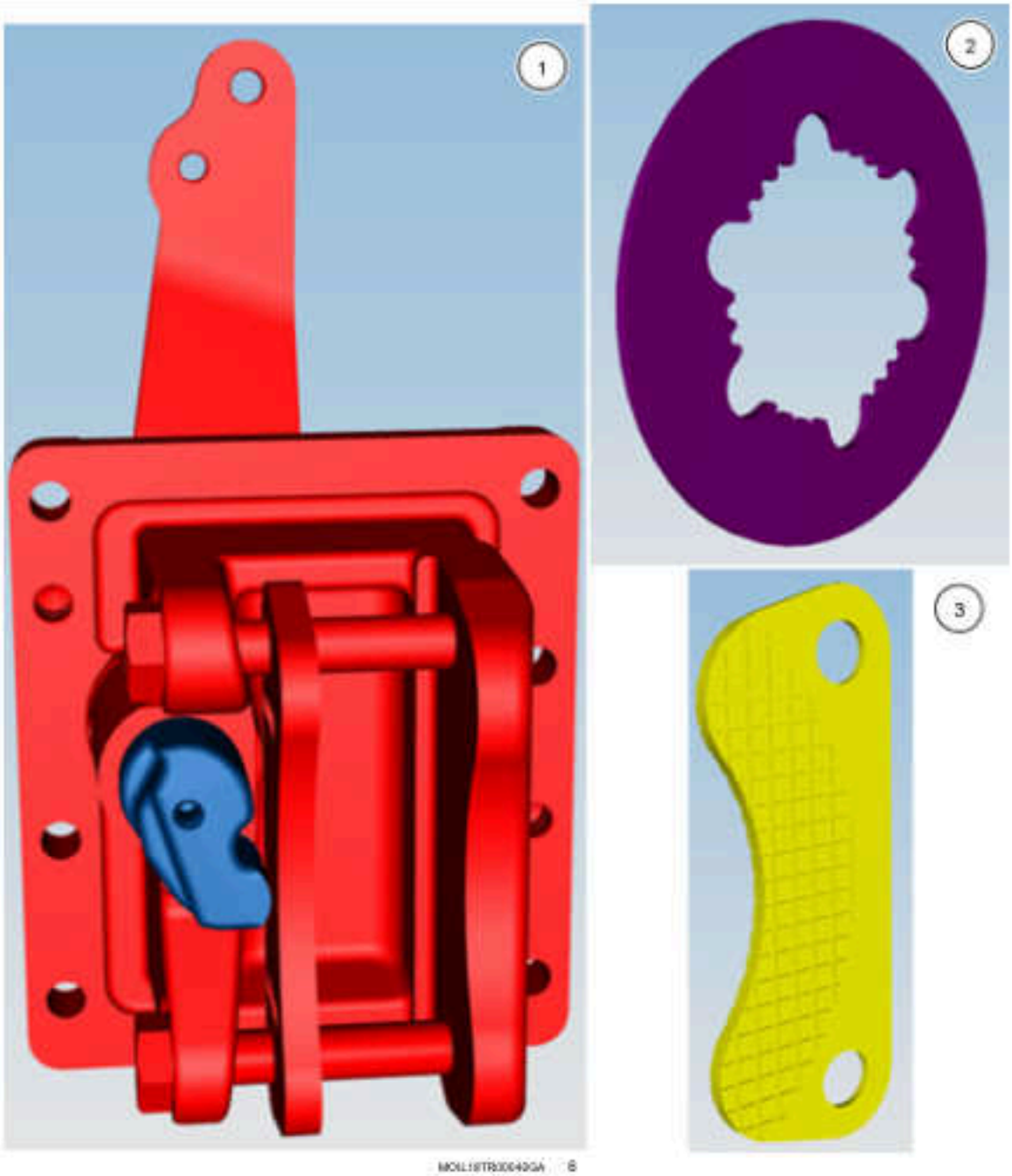
   B. If the problem has been resolved, eliminate the fault code and continue with normal operations.

5. Visually inspect the relevant wiring harnesses and connectors for damage, bent or dislocated pins, corroded terminals, or broken wires. Verify that the connectors are fully installed. Flex the wiring harnesses involved to reveal intermittent breaks or shorts in the wiring. Operate the machine while monitoring the display.

   A. If damage is detected or the display indicates abnormal display readings, then repair the damage discovered during the inspection or locate and repair the abnormal display condition and verify that the fault has been resolved.

   B. If no damage is detected and the display indicates only normal readings, erase the fault code and continue operation.

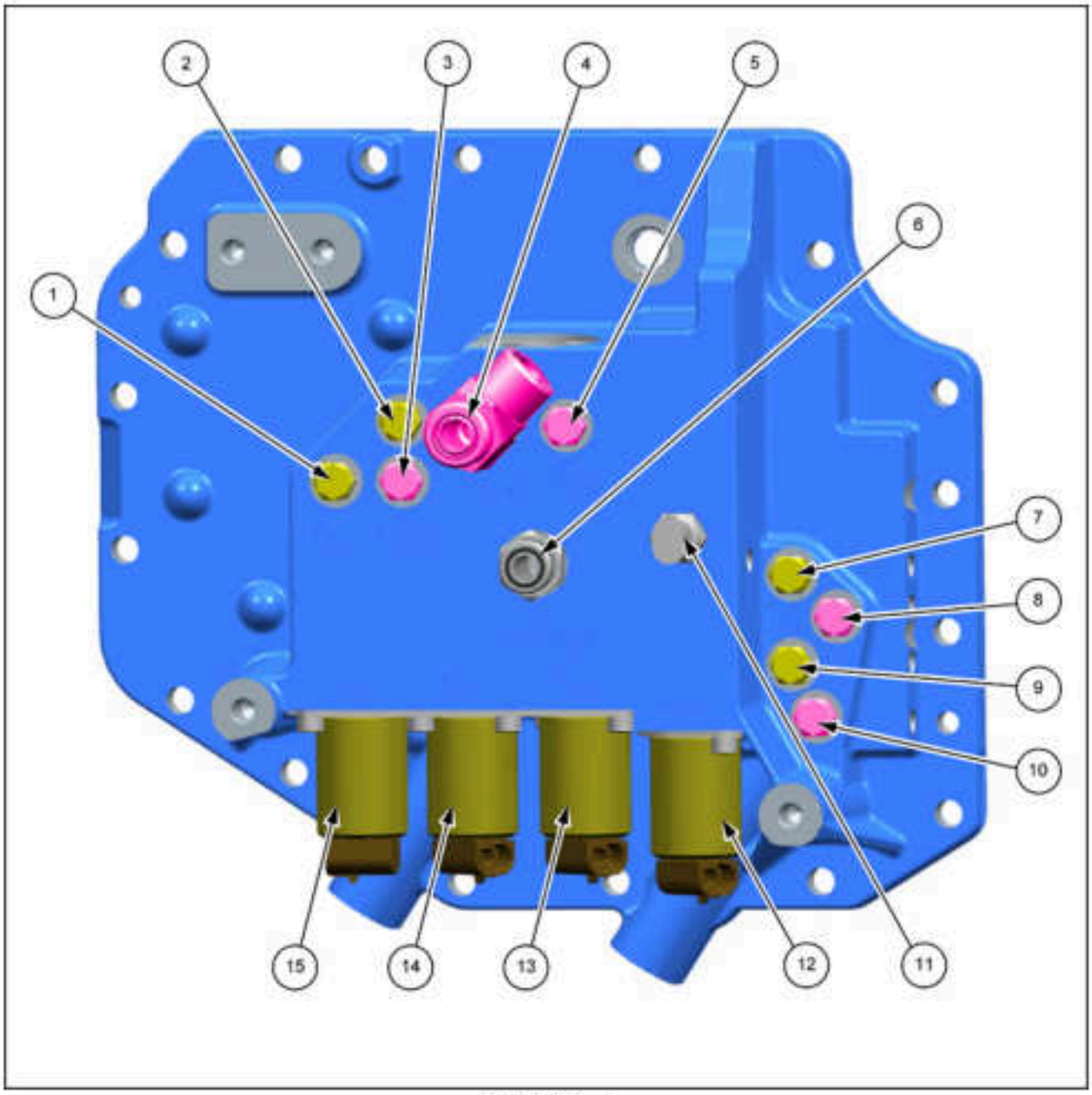
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1	Support handbrake
2	Parking brake discs
3	Brake pads

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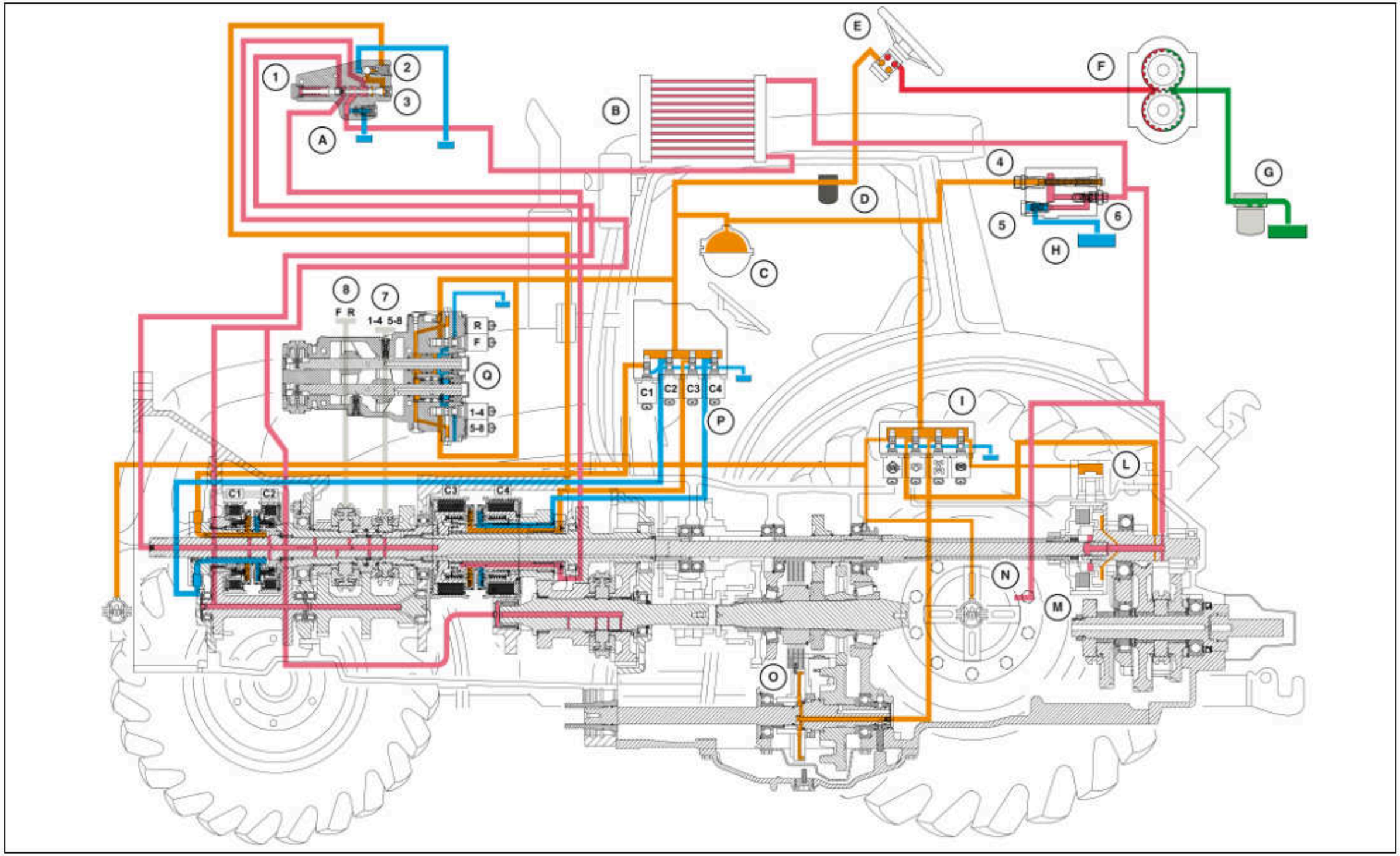
Transmission lubrication valve - Static description



M0IL17TW01357GA 1

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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