SERVICE MANUAL

T9.435 / T9.480 / T9.530 / T9.565
T9.600 / T9.645 / T9.700

Tier 4B (final)
Tractor

PIN ZEF400001 and above

Part number 47680535
1st edition English
March 2014

NEW HOLLAND AGRICULTURE

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Drive shaft Dampener - Torque - Engine Drive Coupling -

9L Engine	
Drive Coupler to Flywheel Mounting Bolts	**120 - 132 N·m (89 - 97 lb ft)**
Transmission Drive Shaft to Drive Coupler Mounting Bolts	**95 - 108 N·m (70 - 80 lb ft)**
13L Single turbo engine	
Drive Coupler to Flywheel Mounting Bolts	**76 - 100 N·m (56 - 74 lb ft)**
Use **LOCTITE® 242** on these bolts. Engine to Transmission Drive Shaft Flange Mounting Bolts	**163 - 176 N·m (120 - 130 lb ft)**
13L Dual turbo engine	
Drive Coupler to Flywheel Mounting Bolts	**76 - 100 N·m (56 - 74 lb ft)**
Transmission Drive Shaft to Drive Coupler Mounting Bolts	**149 - 163 N·m (110 - 120 lb ft)**

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Wire harnesses - Electrical schematic frame 41 - TCU controller - braking

Item	Description
1	Brake lamps switch (N / C)
2	TCU controller
3	Brake lamps relay coil B+
4	Brake lamps relay status
5	Brake lamp switch status
6	Park brake solenoid B+
7	Park brake solenoid status
8	Bottom of brake switch (N / C)
9	Brake lamps relay
10	Park brake solenoid

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4340-Rear remote no. 8 - internal position sensor faulty

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

Possible failure modes:

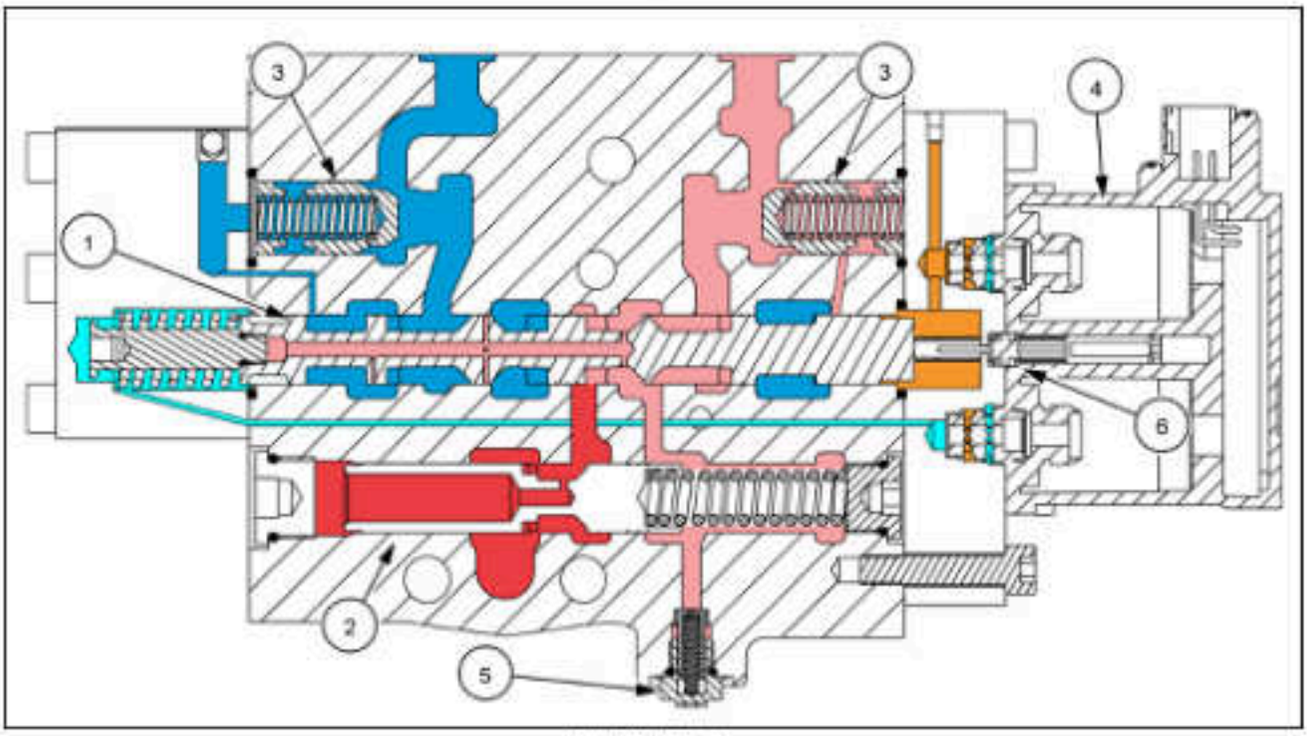
1. Faulty spool position potentiometer
2. Faulty electro hydraulic remote (EHR) pilot head

Solution:

1. Check for other EHR error code(s).
   A. Make a note of the error code(s), clear the error code(s) and test the system for normal operation.
   B. If the fault is still present, continue to step **2**
2. Download the correct level of software and configure the EHR valve.
   A. System operation normal. No fault codes recorded. Troubleshooting is complete.
   B. If the fault reoccurs, remove, replace, and configure the EHR valve pilot head.

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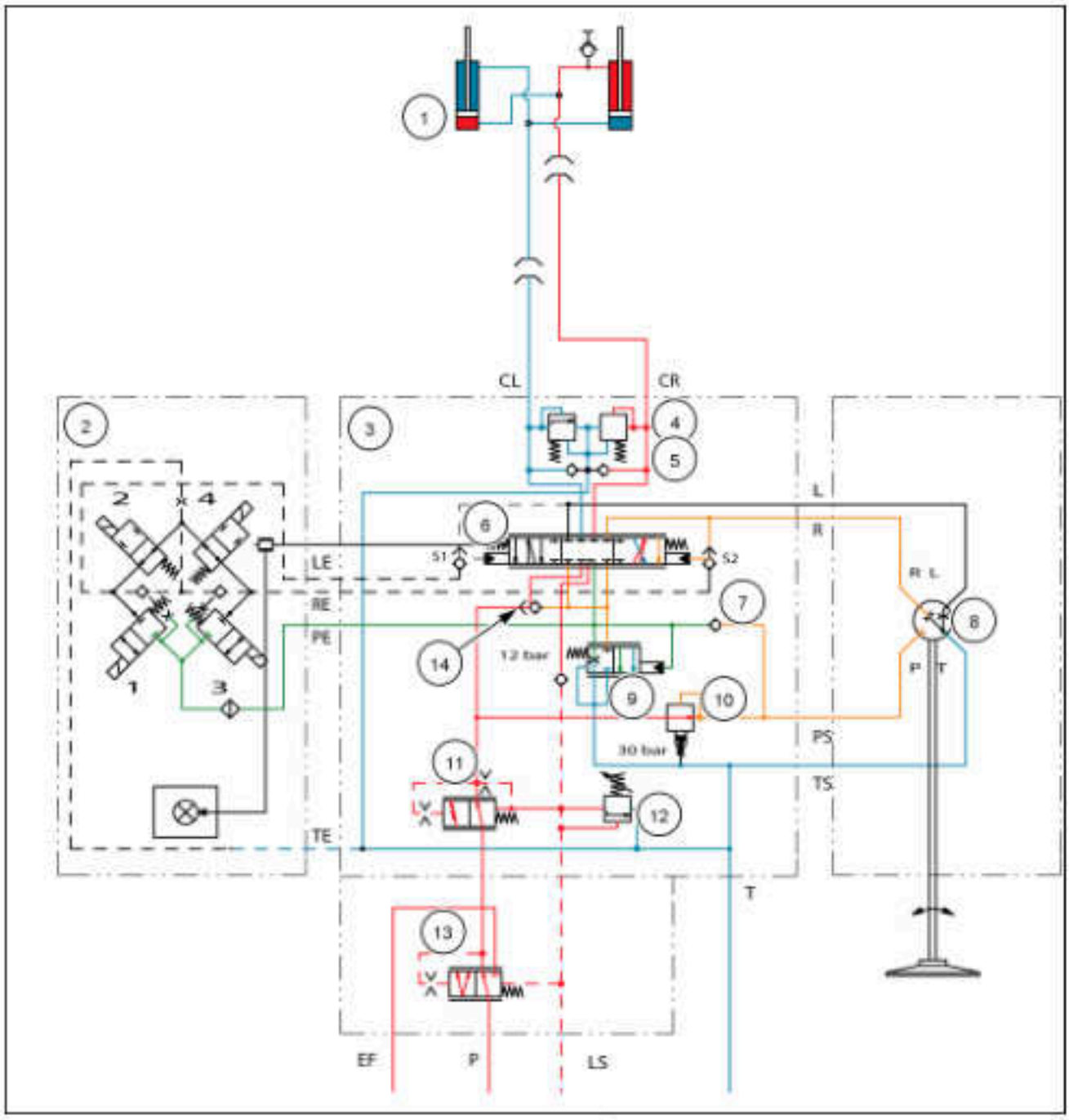
4. Extend solenoid	11. Pilot supply (regulated)
5. Retract solenoid	12. Return/tank
6. Spool position sensor	13. Retract port
7. Signal to compensator	14. Extend port



RAIL1STR04447A 5

PFC pump pressure	Return to tank pressure
Remote valve operating pressure	Trapped oil
Pilot pressure	Pilot return pressure
1. Main valve spool	4. Extend/retract solenoid valve assembly with microprocessor (pilot head)
2. Flow control spool	5. Signal check
3. Lock check	6. Spool position sensor

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RCPH15FWD015HAG 4

Engine running, turning right

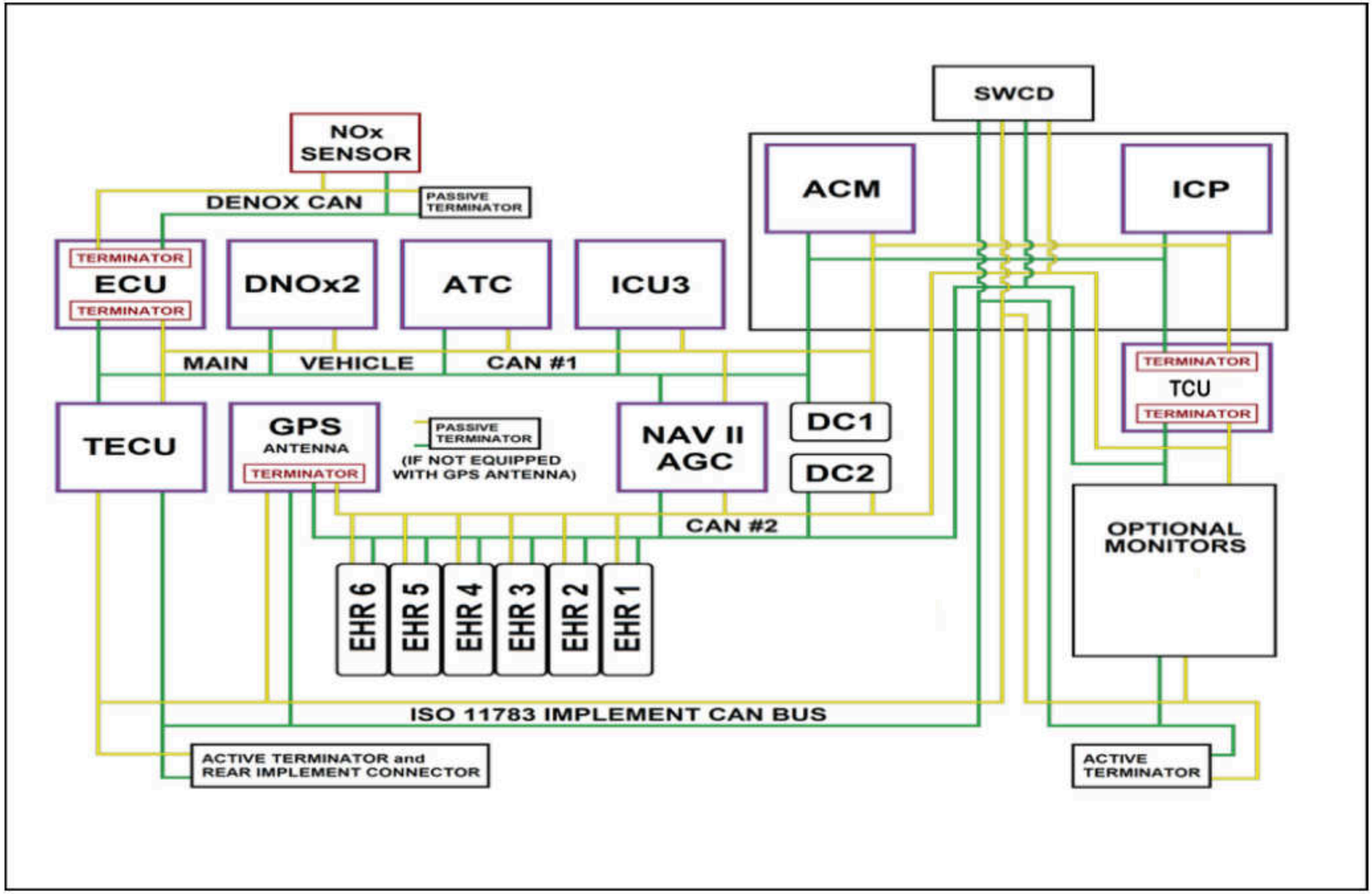
Pressure/flow compensating supply pressure

Steering hand pump **30 bar** (**435 psi**) supply

Electrical actuation module (PVE) **12 bar** (**174 psi**) supply

Return to tank

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