SERVICE MANUAL

T4.80F / T4.90F / T4.100F / T4.110F

Tractor

PIN ZHLH00094 and above

Part number 51523354
1st edition English
August 2018

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B. If the harness is okay, download the correct level software. If the error is repeated, remove and replace the controller.

Wiring harnesses - Electrical schematic sheet 25 (55.100)

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4701 - EEPROM data write unsuccessful

T4.100F With cab [ZHLH01567 -]	ANZ — LA
T4.110F With cab [ZHLH00094 -]	ANZ — LA
T4.80F With cab [ZHLH01907 -]	ANZ — LA
T4.90F With cab [ZHLH01868 -]	ANZ — LA

Control Module: MMV

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 mid mount control unit software.
2. Faulty mid mount control unit.

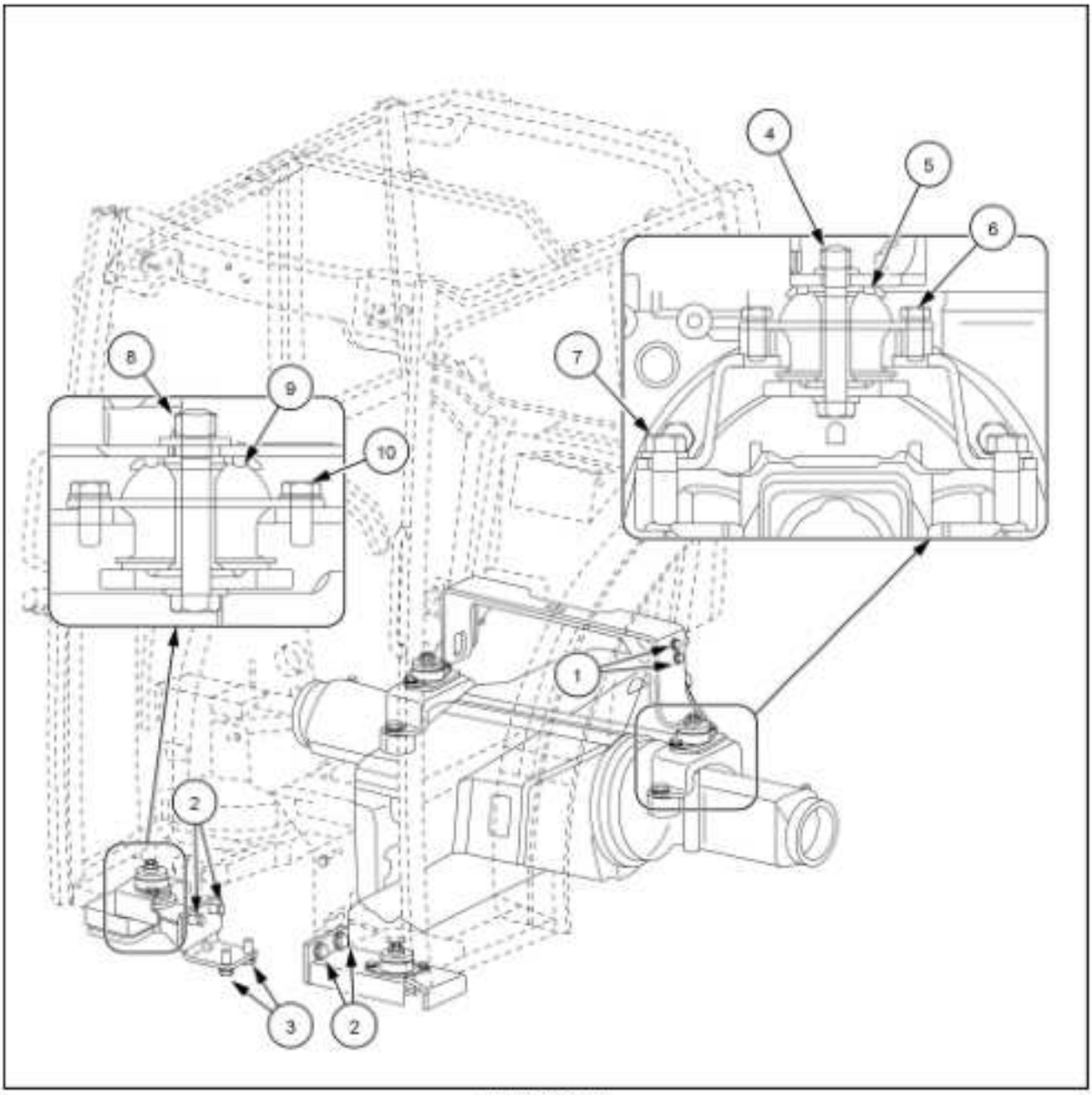
Solution:

1. Check for the error code.
   A. Clear the error code. Operate the machine and check the system for normal operation.
   B. If the error code is still present, download the correct version of software. If the error occurs again, replace the mid mount control unit MMV **A-004**.

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Cab and platform - Torque

T4.100F With cab [ZHLH01567 -]	ANZ — LA
T4.110F With cab [ZHLH00094 -]	ANZ — LA
T4.80F With cab [ZHLH01907 -]	ANZ — LA
T4.90F With cab [ZHLH01868 -]	ANZ — LA

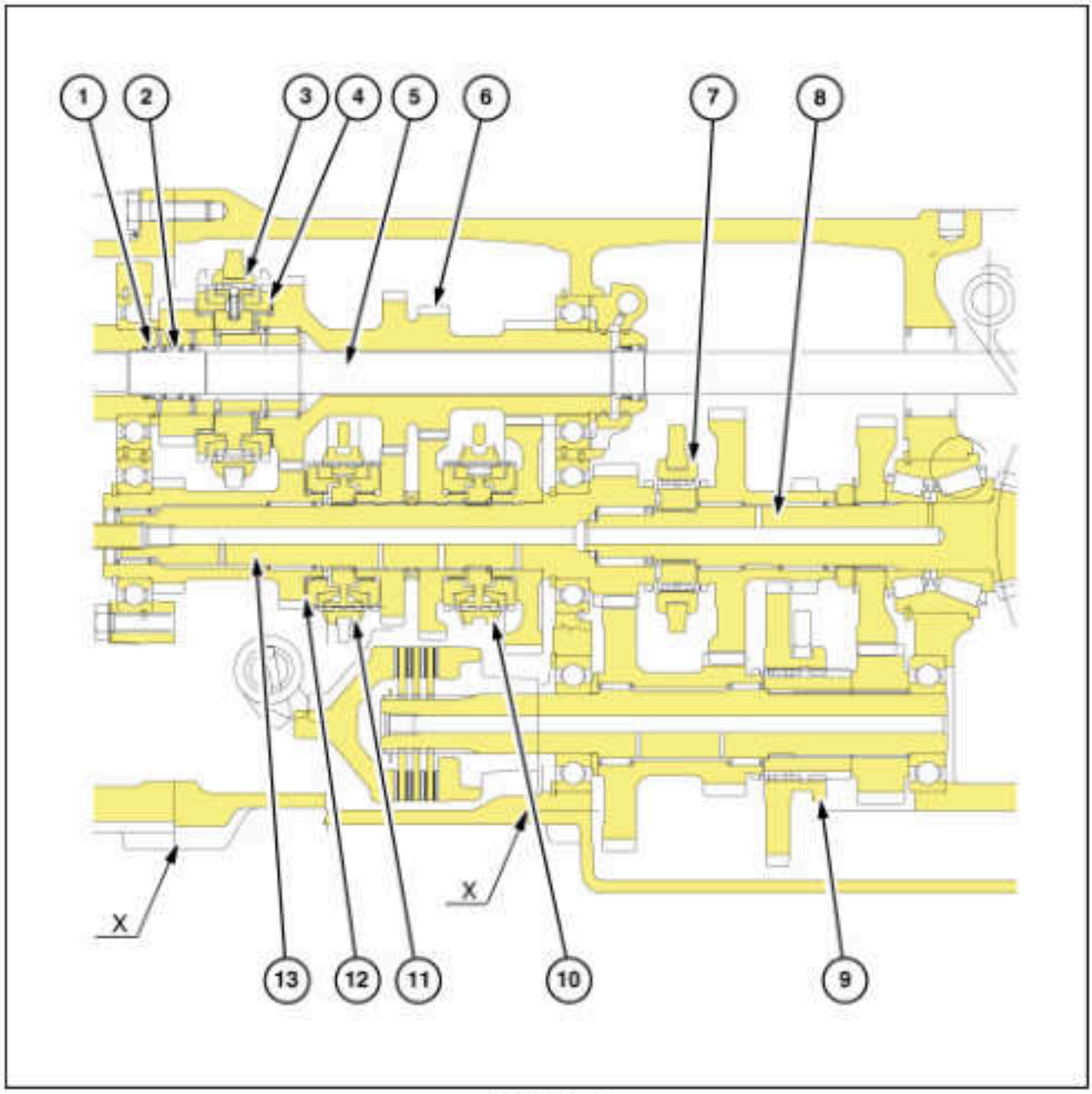


MDEL16TR02019GA 1

Reference	Quantity	Part to tighten	Tightening torque
(1)	6	Bolt M12 x 1.25 x 45 – 10.9	120 N·m (88.5 lb ft)
(2)	4	Bolt M20 x 45 – 8.8	310 N·m (228.6 lb ft)
(3)	2	Bolt M18 x 1.5 x 40 – 8.8	300 N·m (221.3 lb ft)
(4)	2	Nut M16 x 1.5 – 10.9	200 N·m (147.5 lb ft)
(5)	2	Nut M16 x 1.5 x 75 x 8 – Fe430	50 N·m (36.9 lb ft)
(6)	4	Nut M12 x 1.25 x 30 – 10.9	120 N·m (88.5 lb ft)
(7)	4	Bolt M18 x 1.5 x 50 – 10.9	350 N·m (258.1 lb ft)
(8)	2	Nut M16 x 1.5 – 10.9	200 N·m (147.5 lb ft)
(9)	2	Nut M16 x 1.5 x 75 x 8 – Fe430	50 N·m (36.9 lb ft)
(10)	4	Nut M12 x 1.25 x 30 – 10.9	65 N·m (47.9 lb ft)

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Transmission internal parts - Sectional view



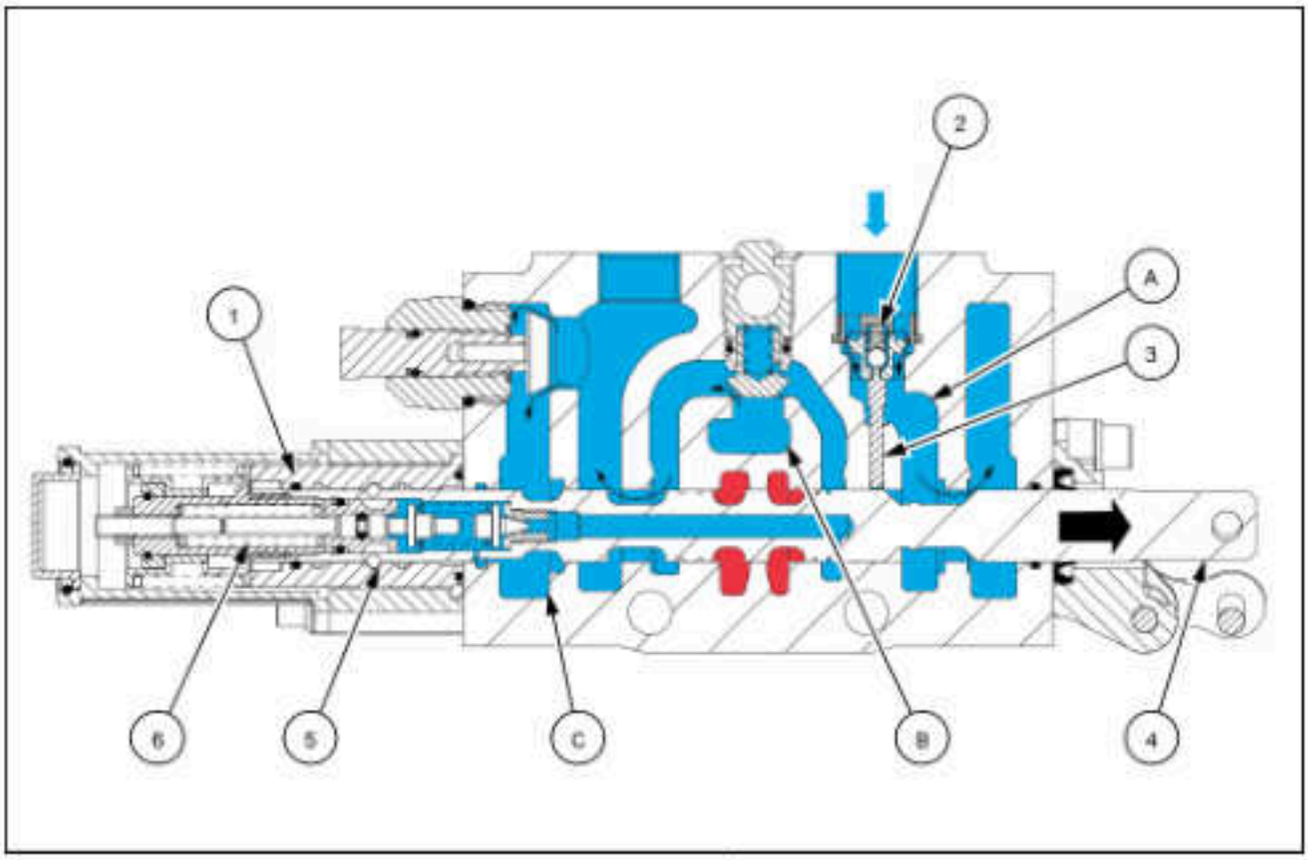
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Longitudinal cross-sectional view of gearbox and gear range

1. Seal
2. Power take-off shaft support roller bearings
3. Reverser control synchroniser
4. Gearbox driving gear clearance adjusting thickness
5. Power take-off shaft
6. Gearbox driving gear
7. Selector sleeve for high or medium-low speeds
8. Bevel pinion shaft
9. Selector sleeve for low or medium-high speeds
10. Synchroniser for 1st and 2nd speed
11. Synchroniser for 3rd and 4th speed
12. Gearbox driven shaft gear clearance adjusting thickness
13. Gearbox driven shaft

NOTE: *On assembly apply a bead of sealing compound to the surfaces X as indicated on* ***Transmission drive housing - Reseal (21.114)****.*

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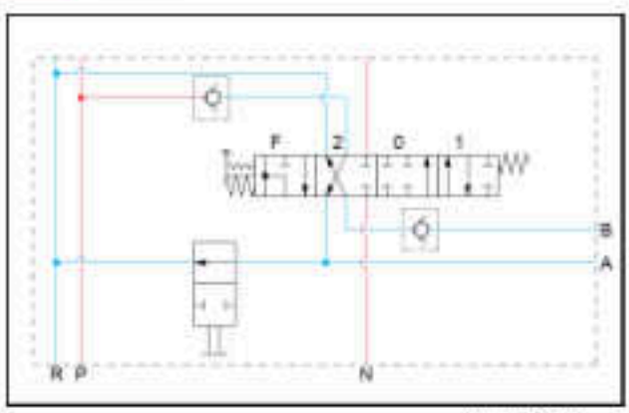
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Control valve phase - Lever in position "2"

Pressurized oil (**190 bar** (**2755 psi**)

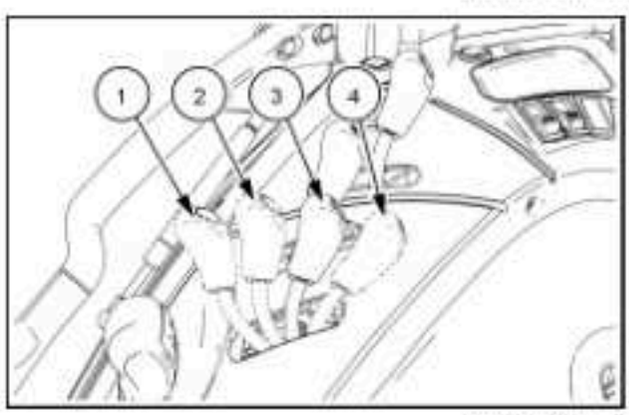
Exhaust oil

Pushing the control lever in the cab the control valve spool **(4)** moves in the direction of the arrow: the locking balls **(5)** enter in the stop point in the support **(1)**, remaining locked by the thrust of the spring **(6)**, and hold the spool. The spool displacement connects the oil supply line **(B)** directly to the exhaust in transmission through the line **(C)**. The pin **(3)**, pressed by the spool **(4)**, keeps the non-return valve **(2)** open, allowing the oil to be exhausted in the transmission through the "+" port and the line **(A)**.
At the end of the operation manually return the spool **(4)** in the neutral position operating on the control lever in the cab.



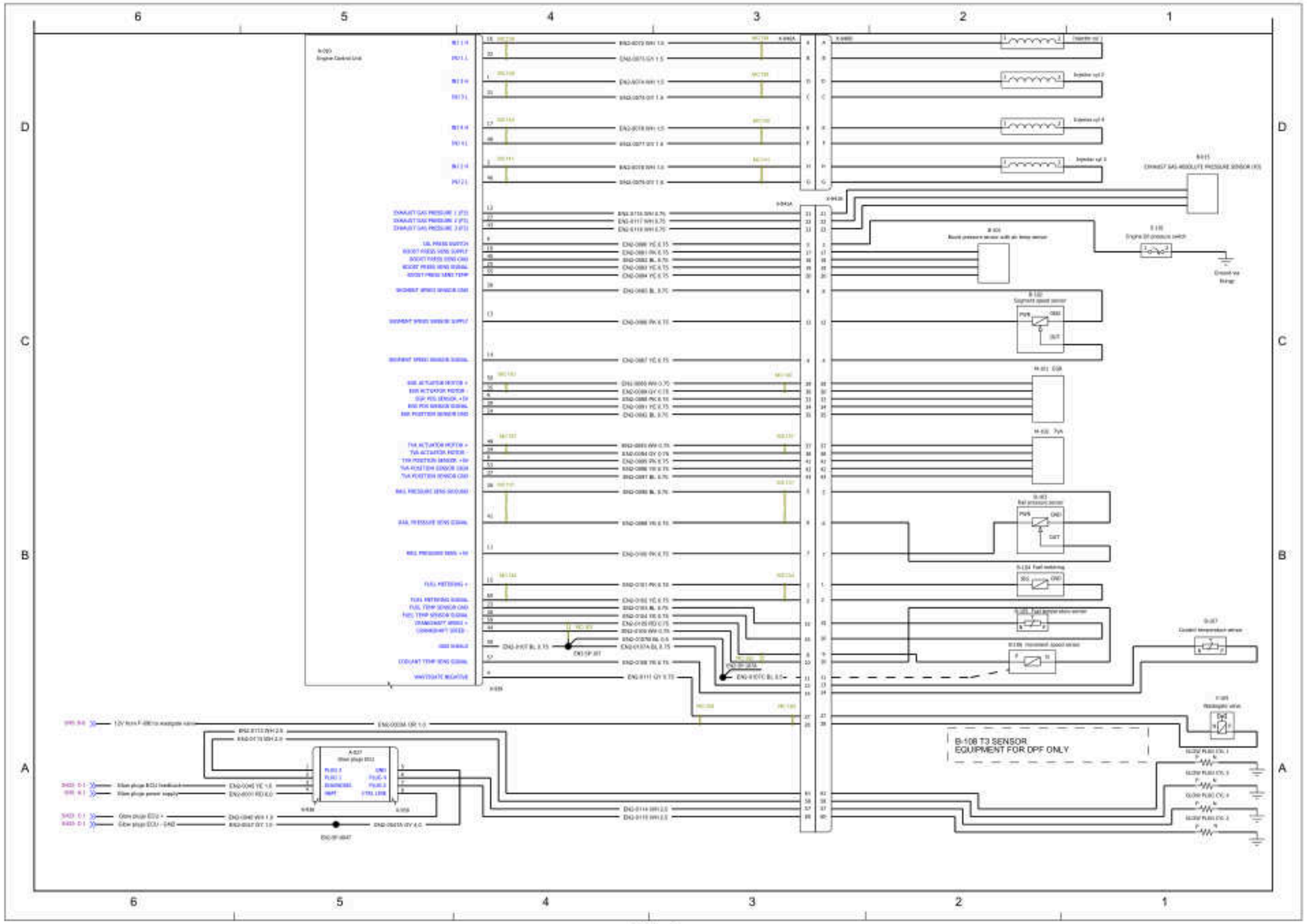
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- Floating position **(1)** (not available with single-acting control valve)
- Lowering or retraction position **(2)**
- Neutral position **(3)**
- Lifting or extension position **(4)**



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