MAXXUM 100
MAXXUM 110
MAXXUM 115
MAXXUM 120
MAXXUM 125
MAXXUM 130
MAXXUM 140

Tractor with/without Multicontroller

SERVICE MANUAL

Part number 84276322ANA
English
November 2010

CASE IH AGRICULTURE

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Wiring harness - Electrical schematic frame 45 Braking (Electronic Park Lock Less)

MAXXUM 110 Multicontroller [Z9BE40001 -], MAXXUM 110 Multicontroller [Z9BE60001 -], MAXXUM 115 Multicontroller [Z9BE40001 -], MAXXUM 115 Multicontroller [Z9BE60001 -], MAXXUM 120 Multicontroller [Z9BE40001 -], MAXXUM 120 Multicontroller [Z9BE60001 -], MAXXUM 125 Multicontroller [Z9BE40001 -], MAXXUM 125 Multicontroller [Z9BE60001 -], MAXXUM 130 Multicontroller [Z9BE40001 -], MAXXUM 130 Multicontroller [Z9BE60001 -], MAXXUM 140 Multicontroller [Z9BE40001 -], MAXXUM 140 Multicontroller [Z9BE60001 -]

Component	Connector	Description
A012	**X745**	Electronic Park Brake Interface Conn
K011	**X036**-B	Electronic Park Brake
K047	**X746**	Less EPL
S030	**X121**	Handbrake Switch
Additional Connectors: -		

Wire Colour Codes

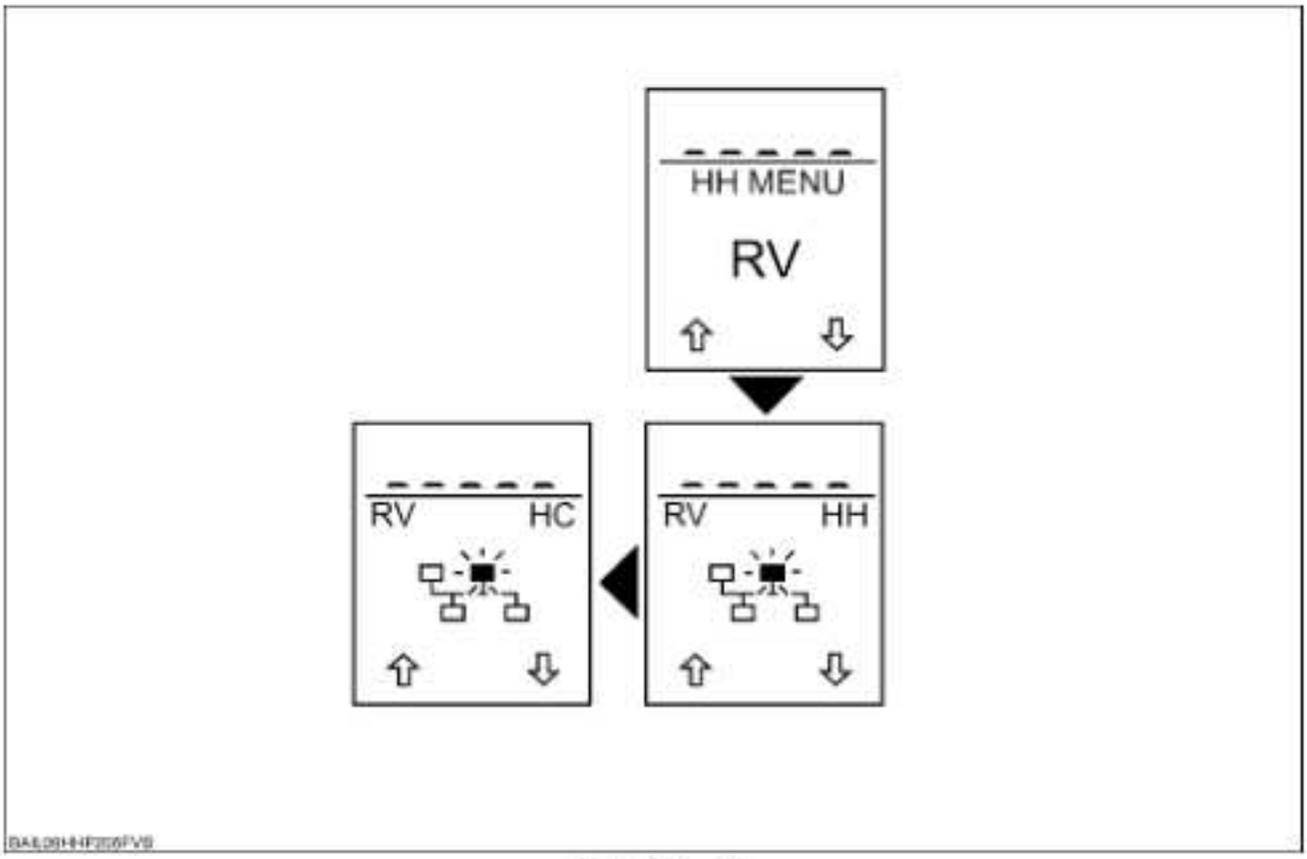
B	Black	S	Slate	G	Green	P	Purple
N	Brown	R	Red	LG	Light Green	K	Pink
LN	Light Brown	O	Orange	U	Blue	W	White
L	Lilac	Y	Yellow	TQ	Turquoise		

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HC - CLEAR STORED FAULT CODES

This menu is used to clear all stored fault codes in the module or sub system.

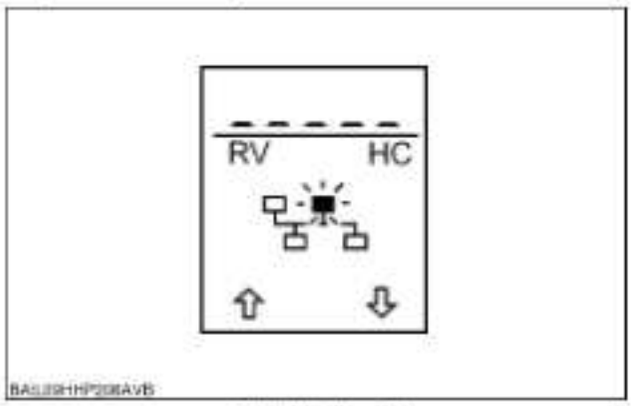
HC - Menu Screen Select



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NOTE: *Always make a note of the fault codes stored, before clearing.*

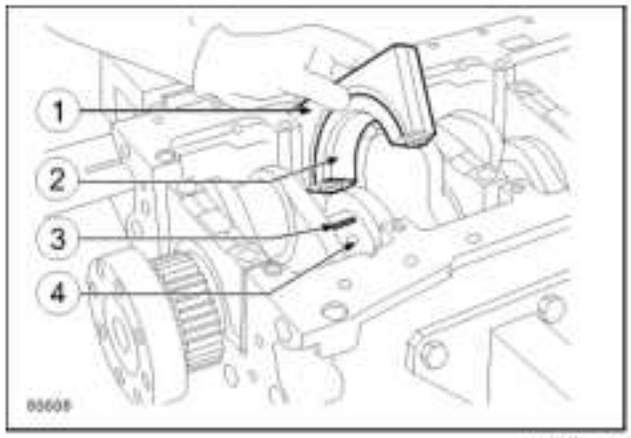
Select the HC menu by depressing the "menu" key.



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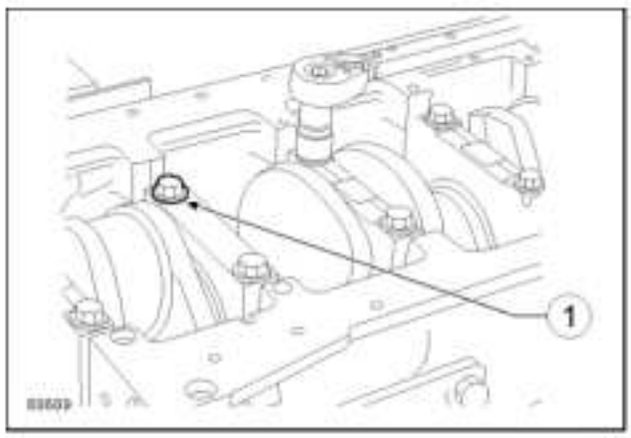
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21. Check the backlash between the crankshaft main journal and the relevant bearings as follows;
Make sure the parts are perfectly clean and remove all traces of oil.
Position a length of calibrated wire **(3)** on the crankshaft journals **(4)** , parallel to the crankshaft centre line
Fit the caps **(1)**complete with half bearings **(2)** on th relevant supports.



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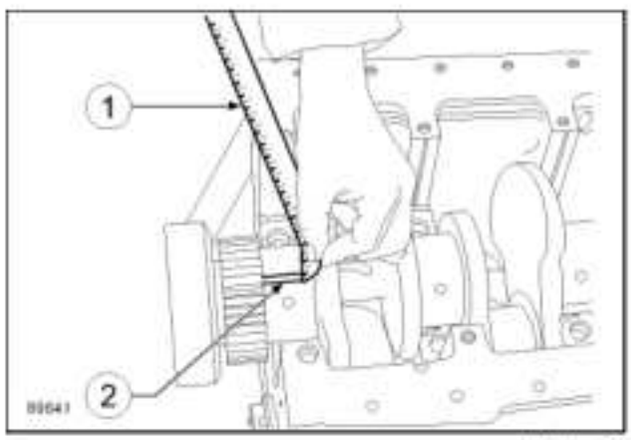
22. Before reusing the retaining bolts refer to **ENGINE - Dimension (B.10.A)**
Screw in the pre lubricated bolts and tighten them in three successive stages:
1st stage - with a torque wrench tighten to **50 Nm** (**36.878 lb ft**) ± **3 Nm** (**2.213 lb ft**)
2nd stage - tighten to **80 Nm** (**59.005 lb ft**) ± **5 Nm** (**3.688 lb ft**)



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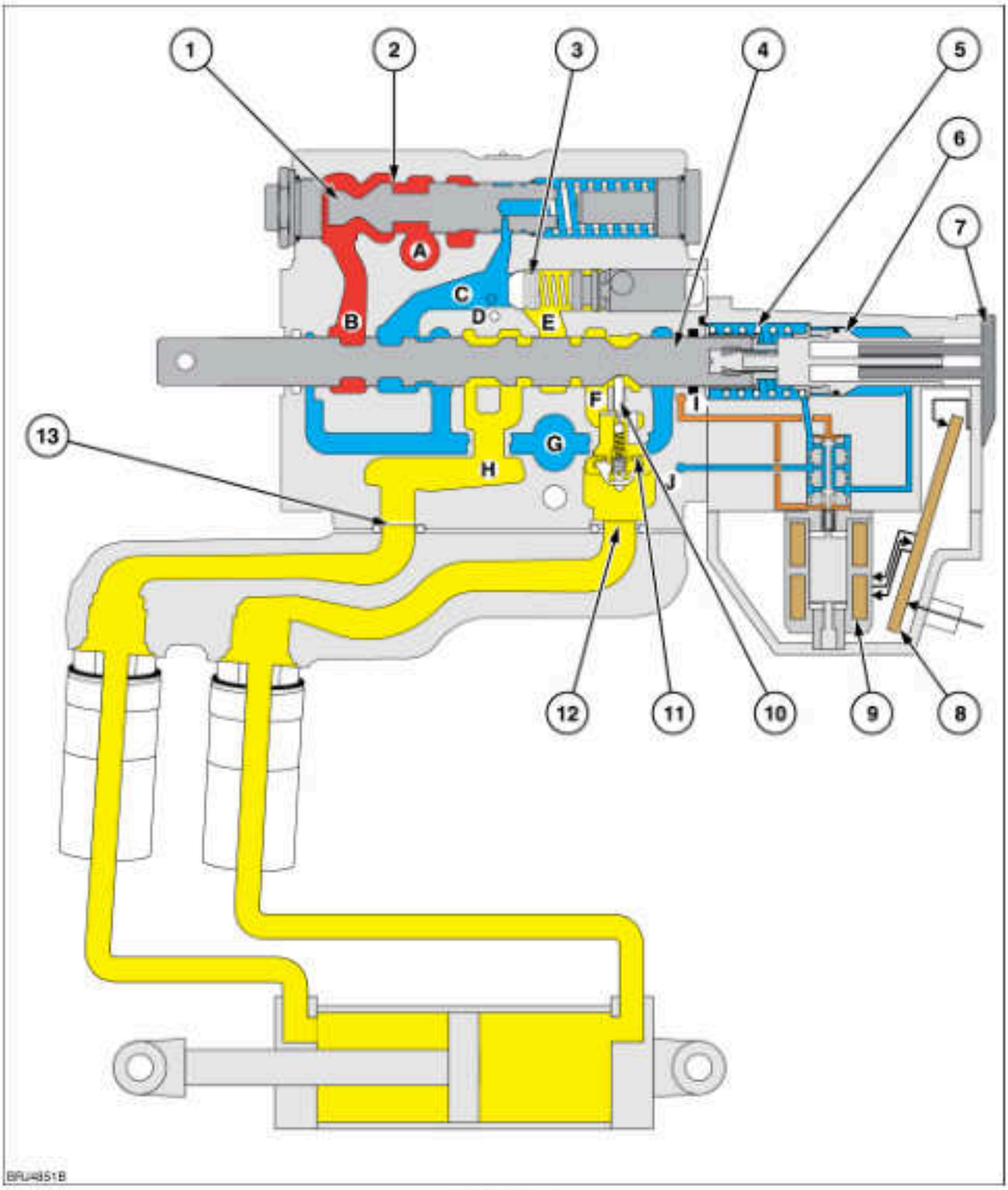
23. 3rd stage - Using a suitable angle gauge tighten the bolts a further **90 ° ± 5 °**

24. Remove the support caps
The clearance between the main bearings and the relevant journals is measured by comparing the width of the calibrated wire **(2)** , at the most narrow point with the graduation of the scale of the scale on the case containing the calibration wire. The numbers on the scale indicate the mating clearance (backlash) in millimetres. If the clearance is found to be other than as prescribed , change the half bearings and repeat the check. Once the correct clearance has been obtained lubricate the bearings and permanently mount the supports. Tighten the retaining bolts as previously described.



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BAIL07APH019G 1

Single Remote Control Valve Operation-Neutral

	Pump Pressure		Return To Reservoir
	Trapped Oil		Pilot Line Pressure

OIL FLOW IN RAISING (CYLINDER EXTEND)

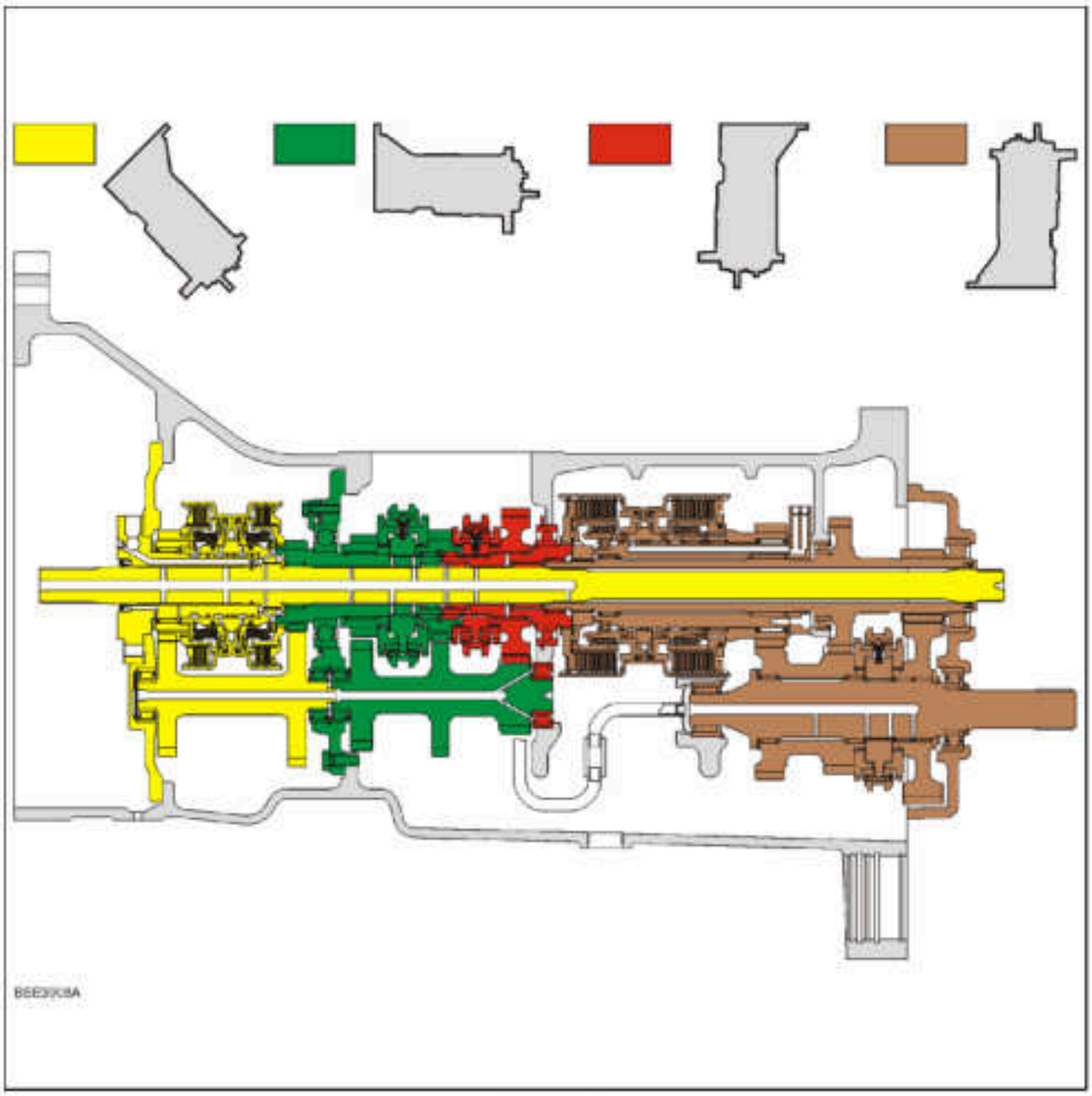
When the remote valve operator control switch is moved to the raise position the control spool is moved to the left via pilot line oil from the solenoid control unit, supplied from Gallery **(I)**.

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TRANSMISSION Semi-Powershift - Service instruction

Prior operation:
TRANSMISSION Mechanical - Remove (C.20.B).

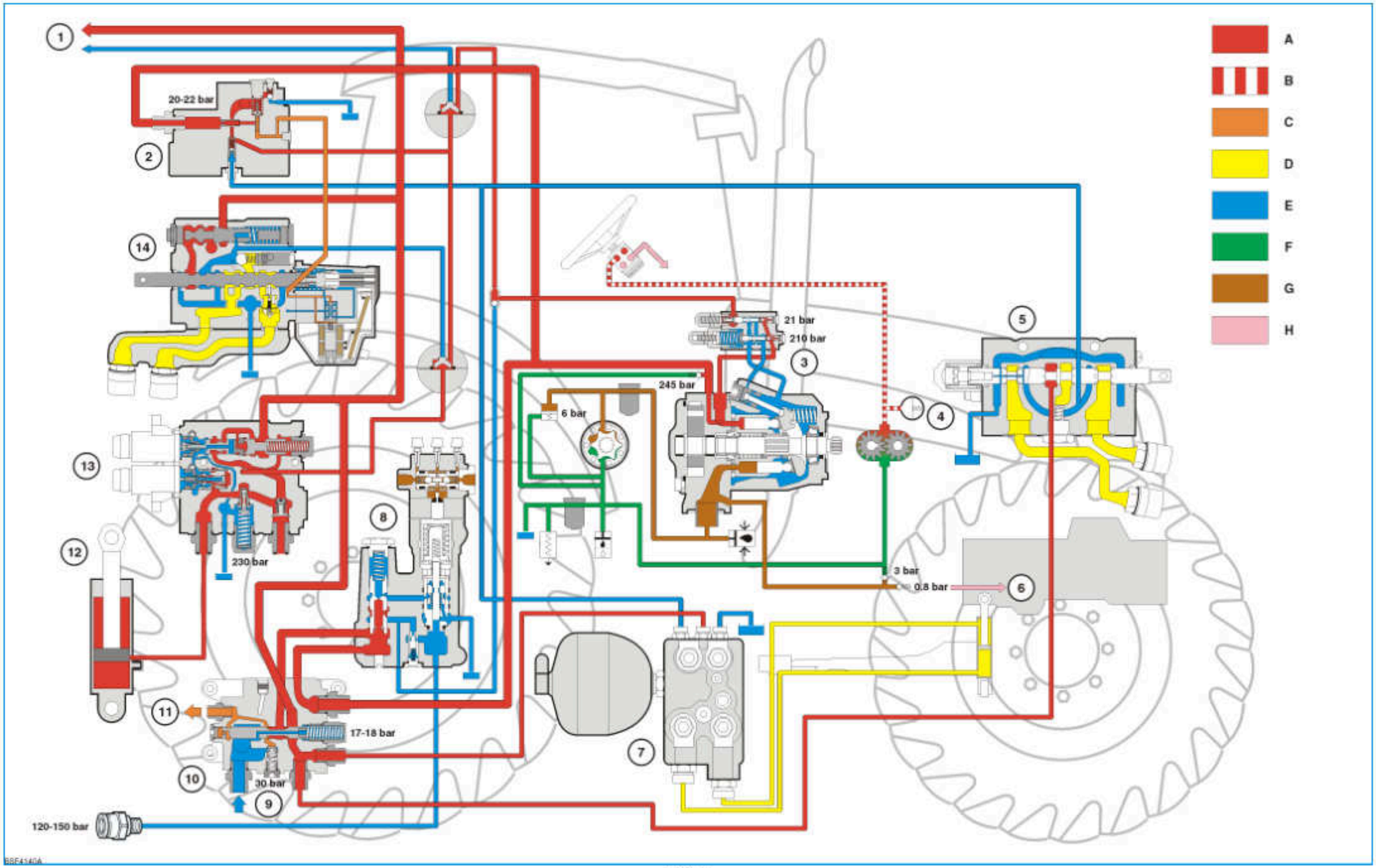
1. It is recommended that the transmission is disassembled in the sequence indicated. Removal of components of the transmission with the transmission oriented as shown in the colour diagram will facilitate operations.



Yellow- Front Section
Brown- Rear Section

Green/Red- Middle Section

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