WACKER NEUSON

System manual

Telehandlers

TH744
TH750
TH755
TH942
TH955



Machine model	416-22-24-26-28-29
Version	1.2
Document number	1000384671
Language	[en]

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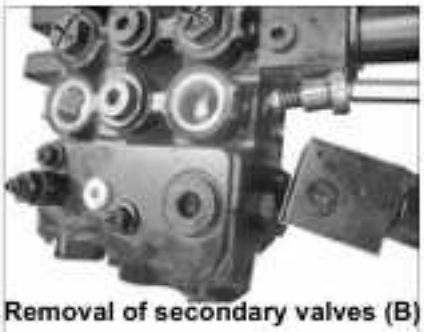
Secondary valves



Removal of secondary valves (A)

Removal of the secondary valves at the hydraulic control unit **XIII** on the connection side **A.**

1. Dismantle the end cap of the hexagon socket 4 from the hydraulic control unit **XIII**.
2. Unscrew the secondary valve with hexagon socket 8.
   ➥ Tightening torque 30 Nm (22 lbf ft)



Removal of secondary valves (B)

Removal of the secondary valves at the hydraulic control unit **XIII** on the connection side **B.**

1. Dismantle the proportional valves of the hexagon socket 4 from the hydraulic control unit **XIII**.

Unscrew the secondary valve with hexagon socket 8.

➥ Tightening torque 30 Nm (22 lbf ft)



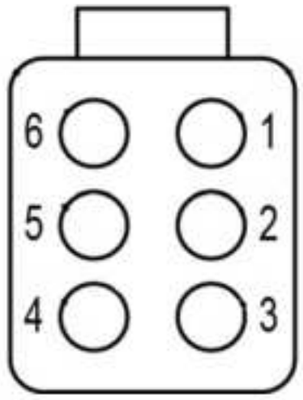
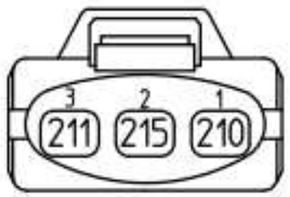
LS-bleed

Bleed valve for LS - pressure

➥ Tightening torque 35 Nm (26 lbf ft)

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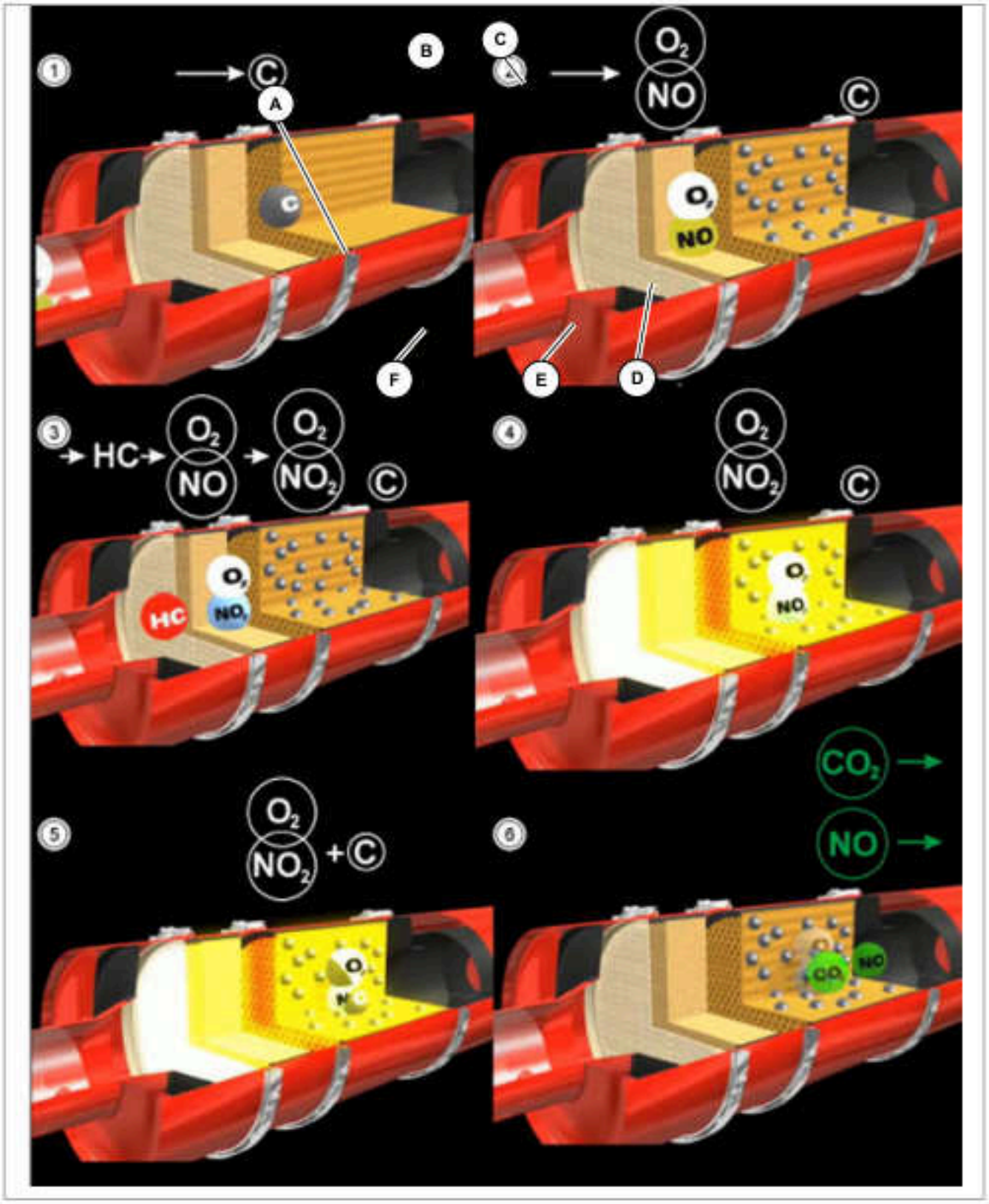
21.2 Motor wiring harness connectors

Drawing	Color	Parts no.	Name of component	Designation
	Gray	1000027431	B009	Speed sensor
		1000260161	B029	Temperature probe behind oxycat
		1000126125	B029,Y141	Temperature sensor in front of oxycat AdBlue metering valve
		1000168235	B037	Diesel particulate filter differential pressure
		1000333855	B090	Exhaust gas temperature SCR

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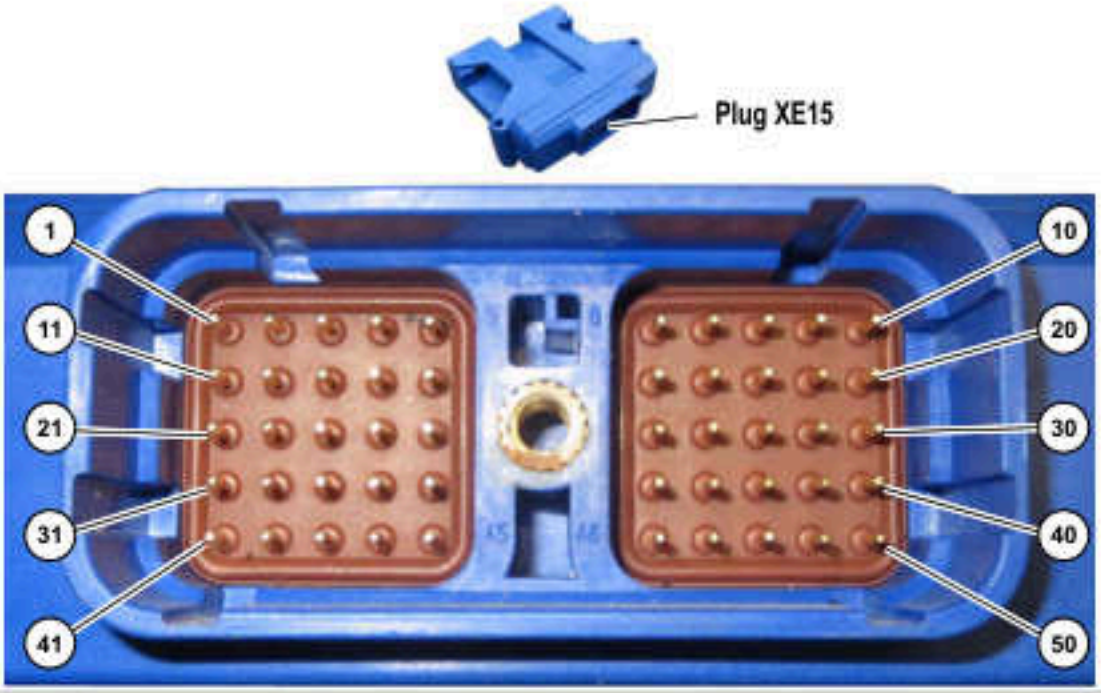
CSF system setup

The CSF system consists of a diesel oxidation catalytic converter (DOC) and diesel particulate filter (DPF) that are integrated together.



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Outputs of cabin controller N015

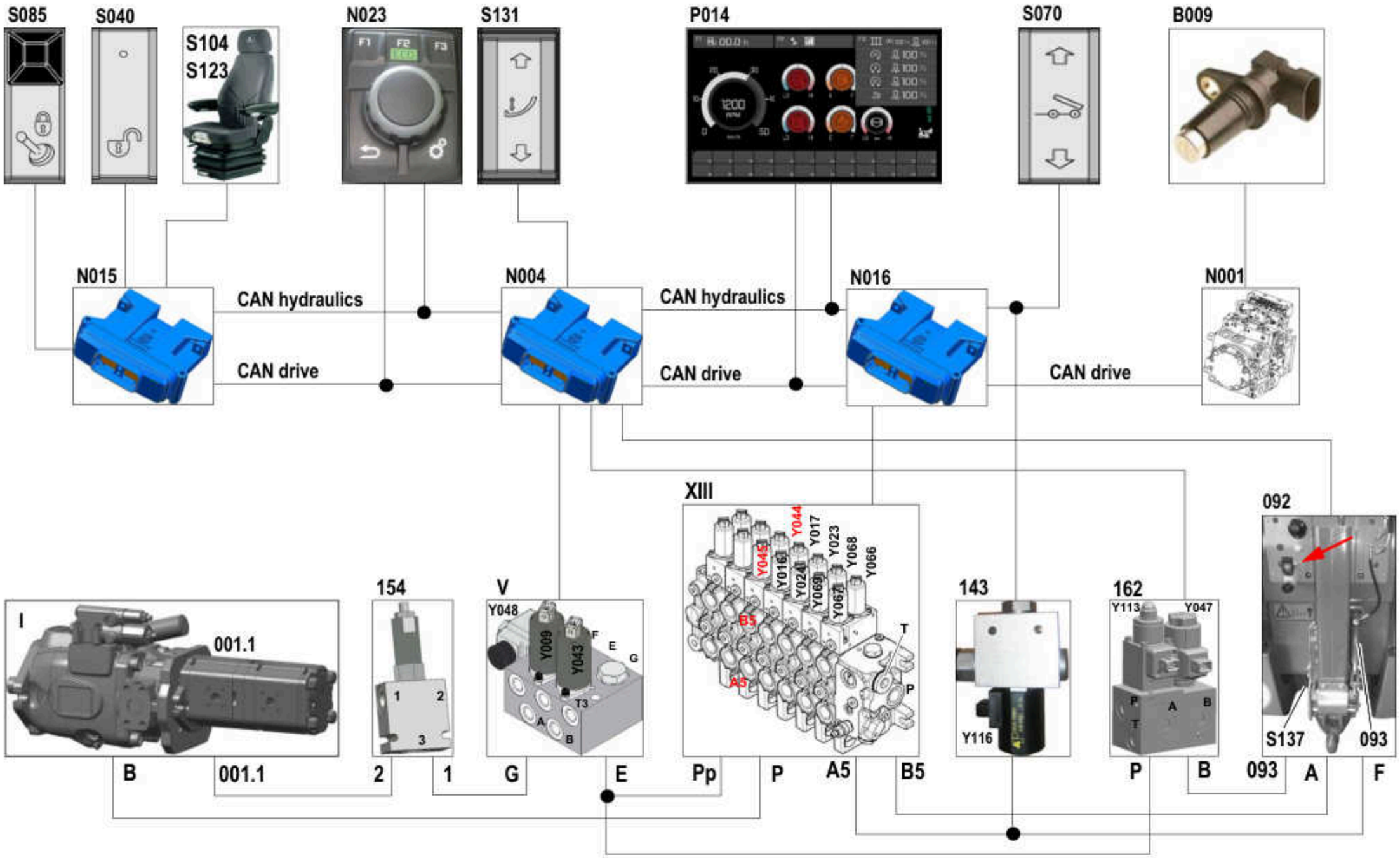


PIN	Cable colour	Measurand	Component	Description
8	YE/WH	5 volts sensor	R012 (1, 4) R036 (1)	Manual throttle Levelling potentiometer
9	YE/BN	Ground sensor	R012 (3, 6) R036 (2)	Manual throttle Levelling potentiometer
33	–	–	–	–
34	GN	DIN 12 volts	Y092 ()	Solenoid valve for the axle cut-off
35	GY	DIN 12 volts	K003 (86)	Reverse drive warning sound B003, reverse drive lights H030, 031 (H078/H079)
36	GN	DIN 12 volts	K139 (86)	Central lubrication system relay
37	WH	DIN 12 volts	N005 (43)	Deutz electronics clutch signal
38	GN	DIN 12 volts	S044 (7)	Load stabiliser speed signal
39	GN	DIN 12 volts	S044 (1)	Load stabiliser continuous signal
40	–	–	–	–
41	GN	PWM	Y016 (2)	Lock solenoid valve
42	GN	PWM	Y017 (2)	Unlock solenoid valve
43	PK	PWM	Y035 (2)	Fan
44	–	–	–	–
45	BU	PWM	Y112 (2)	PCOR valve
46	–	–	–	–

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8.8 Control of the tipper/auto-hitch

Overview: control of tipper/autohitch



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