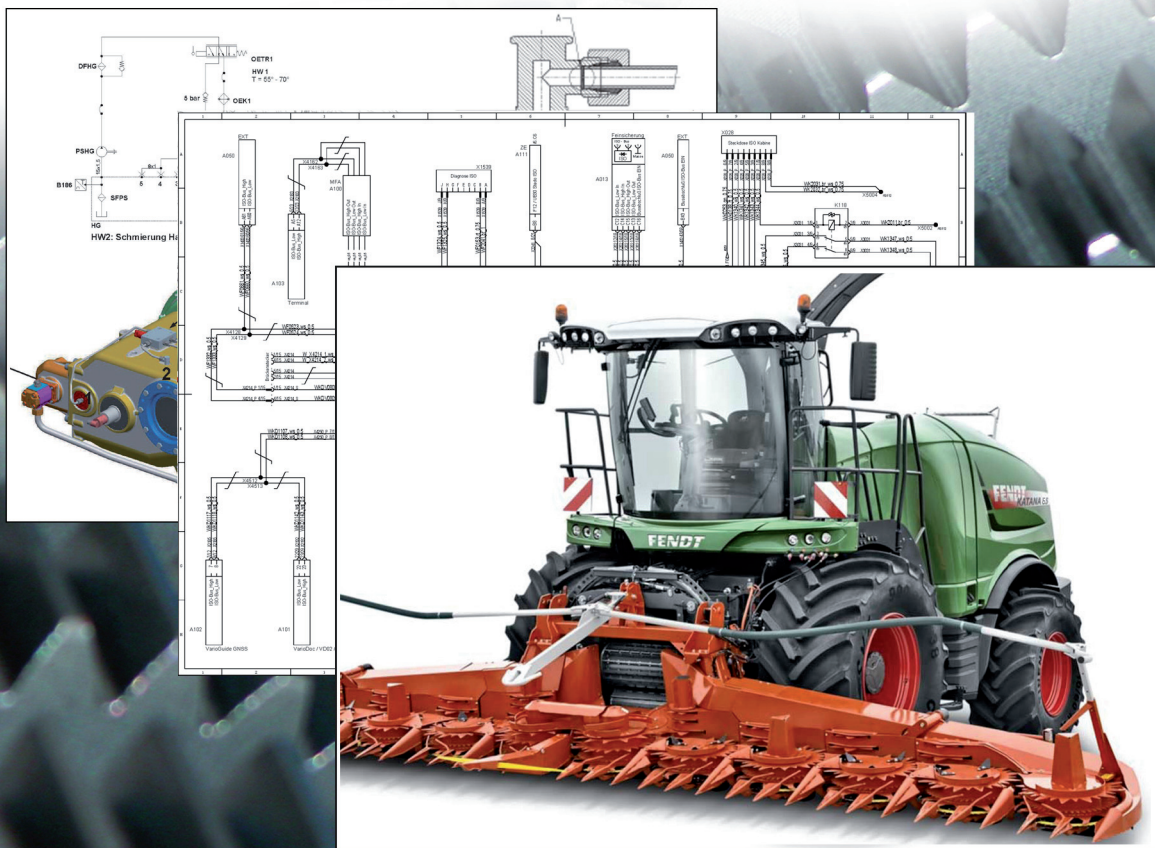


Electrical diagrams and schematics

FENDT Katana 65 S4

652 .. 1001-



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Fuse	PIN	Value (A)	Consumer
56	UB 12V sensor system	1	B175 - Central lubrication fill level sensor B200 - Central lubrication transmitter
57	UB 12V sensor system	1	S034 coolant level switch
58	UB 12V sensor system	1	-

X4907, X4908, X4909, X4911 - fuse holder (fuses no. 100 - 104)

 In the battery compartment at the battery isolation switch.

 Open the battery compartment flap.

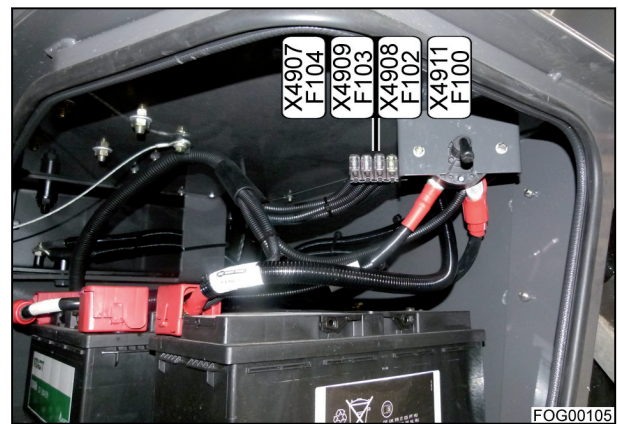


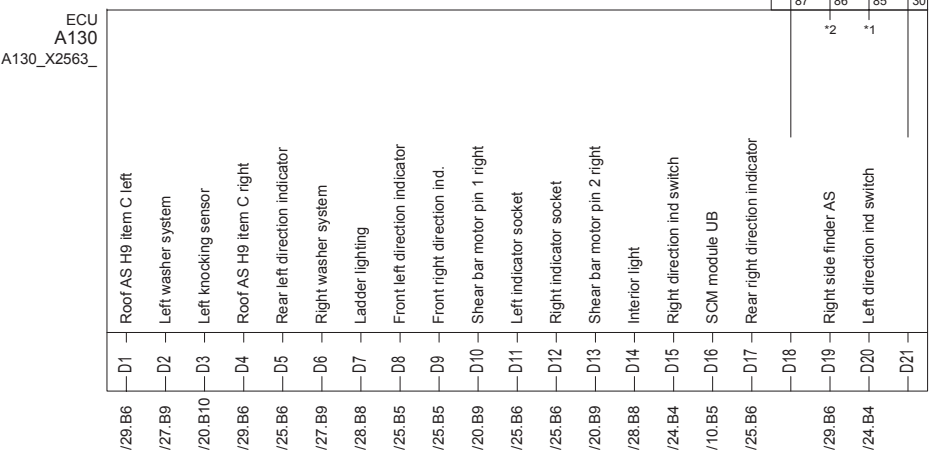
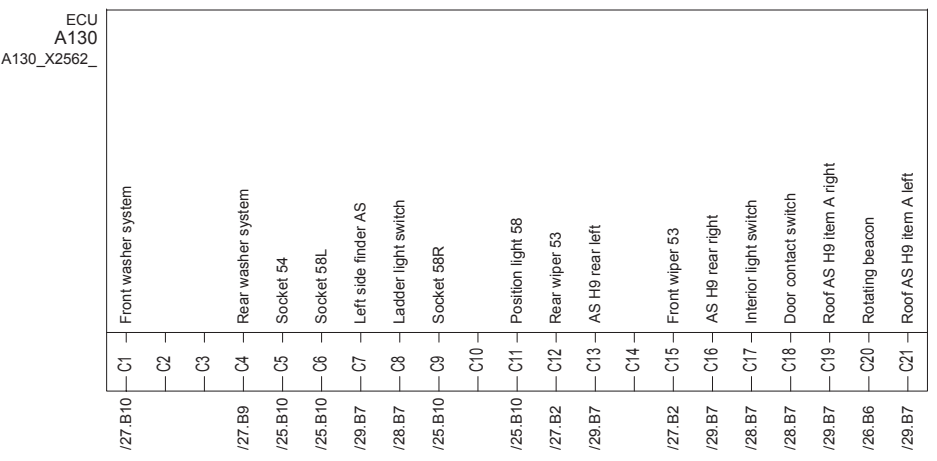
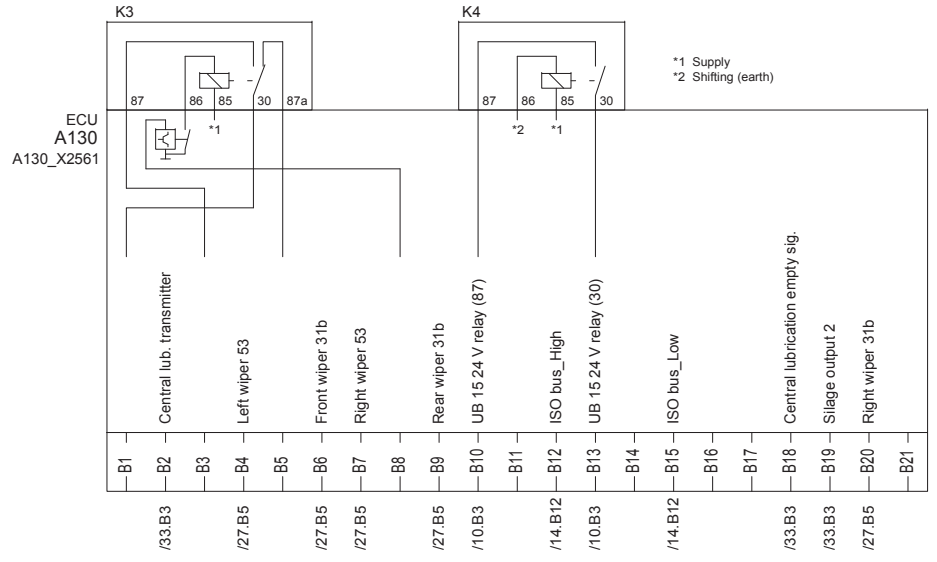
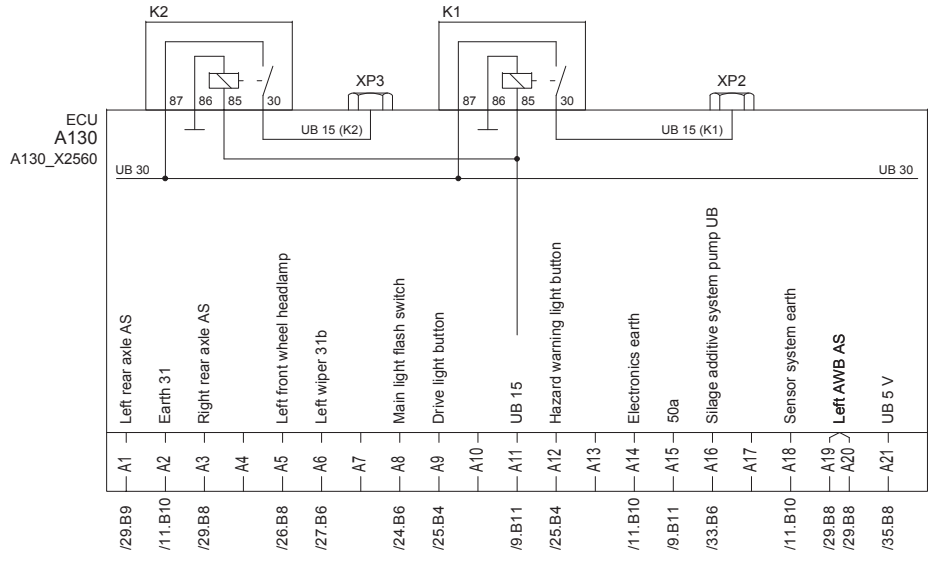
Fig. 4

Fuse	PIN	Value (A)	Consumer
100	UB 30D 12V	20	X1444 fuse holder F31–F40 A056 - Radio A100 multifunction armrest (MFA) A103 - NT0x terminal
102	UB 30 24V	25	A161 - control unit ACM
103	UB 30 24V	25	X1443 fuse holder F21–F30 NOTE: Supply for fuses F22 and F23
104	UB 30 24V	25	A159 - engine control MCM

DIN component designation	Separation point	Circuit diagram sheet no.
E180 left-hand roof work light (H9), item B	X2354	29
E181 right-hand roof work light (H9), item B	X2354	29
E182 left-hand roof work light (H9), item C	X2356	29
E183 right-hand roof work light (H9), item C	X2356	29
E184 H9 S work light	X2358	29
E185 H9 S work light	X2358	29
E190 left rear work light (H9)	X2470	29
E191 right rear work light (H9)	X2470	29
E192 left spout work light (H9)	X2472	29
E193 right spout work light (H9)	X2473	29
E197 - LED entrance step lamp	X2491	28
E198 - LED entrance step lamp	X2492	28
E199 - LED entrance step lamp	X2493	28
E202 - Left direction indicator and sidelight	X2511	25
E203 - Right direction indicator and sidelight	X2512	25
E218 - third spout brake and tail lamp	X2559	25
E220 right-hand rotary beacon	X2599, X2600	26
E221 left-hand rotary beacon	X2599, X2600	26
E236 - left direction indicator and sidelight	X2686	36
E237 - right direction indicator and sidelight	X2687	36
E263 - fuse tester indicator lamp	X2739, X2740	9
E271 - grinding device service light	X2828	28
E272 - service area lighting	X2829	28
E273 - left-hand service light	X2830	28
E274 - rear flap service light	X2831	28
E275 - right-hand service light	X2834	28
E283 left-hand direction indicator and side light	X2882, X2883, X2884	25

DIN component designation	Circuit diagram sheet no.
X1649 10 A socket (cigarette lighter, operator platform)	31
X1655 separation point on B086	40
X1656 separation point on B087	38
X1659 - separation point on B090	38
X1661 - separation point on B092	38
X1662 separation point on Y091	38
X1703 - separation point on G002	9
X1709 - +UB30 cable shoe	9
X1710 - +UB30 cable shoe	9
X1743 - separation point on Y099	23
X1846 - separation point on E123	26
X1901 - injector valve 1 (injector)	37
X1902 - injector valve 2 (injector)	37
X1903 - injector valve 3 (injector)	37
X1904 - injector valve 4 (injector)	37
X1905 - injector valve 5 (injector)	37
X1906 - injector valve 6 (injector)	37
X2037 - separation point on B108	16
X2038 - separation point on B109	16
X2039 - separation point on B110	16
X2040 - separation point on Y123	16
X2041 - separation point on Y124	16
X2042 - separation point on Y125	16
X2043 - separation point on Y126	16
X2044 - separation point on Y127	16
X2045 - separation point on B113	16
X2046 - separation point on B112	16
X2048 - separation point on Y128	16
X2049 - separation point on B114	19
X2050 - separation point on B115	18
X2051 - separation point on Y129	19
X2052 - separation point on Y130	19

DIN component designation	Circuit diagram sheet no.
X4004 - WV - WHK adaptation	18, 20
X4005 - WF - WA adaptation	9, 10, 11, 15, 21, 23, 24, 25, 26, 28, 35
X4008 - WF - WA adaptation	11, 15, 16, 18, 19, 21, 22, 23, 29, 31, 32, 35
X4009 - WF - WV adaptation	13, 16, 17, 18, 19, 20, 21, 22, 23, 31, 33
X4010 - WF - WV adaptation	11, 16, 18, 19, 20, 22, 23, 24, 25, 27, 28, 29, 33, 36
X4011 - bridge connector	13, 19
X4011 - bridge connector	11, 13, 18, 19
X4012 - WV - WAWB adaptation	22, 25, 29
X4013 - WK - WAK adaptation	30
X4014 - WK - WAK adaptation	30
X4015 - WK - WAK adaptation	26, 29, 30
X4016 - WK - WAK adaptation	26, 29, 30
X4020 - WAWB - WAWA adaptation	22, 29
X4021 - WAWA - WAWC adaptation	22, 29
X4022 - steering column adaptation	9, 11, 24, 32
X4023 - WAWA - WAWC adaptation	25, 29
X4024 - WAWB - WAWA adaptation	25, 29
X4026 - sensor system earth butt connector	11
X4027 - sensor system earth butt connector	11
X4028 - sensor system earth butt connector	11
X4029 - sensor system earth butt connector	11
X4030 - sensor system earth butt connector	11
X4031 - sensor system earth butt connector	11
X4032 - sensor system earth butt connector	11
X4033 - Y137 earth butt connector	19
X4034 - sensor system earth butt connector	11
X4035 - sensor system earth butt connector	11
X4036 - sensor system earth butt connector	11
X4037 - sensor system earth butt connector	11



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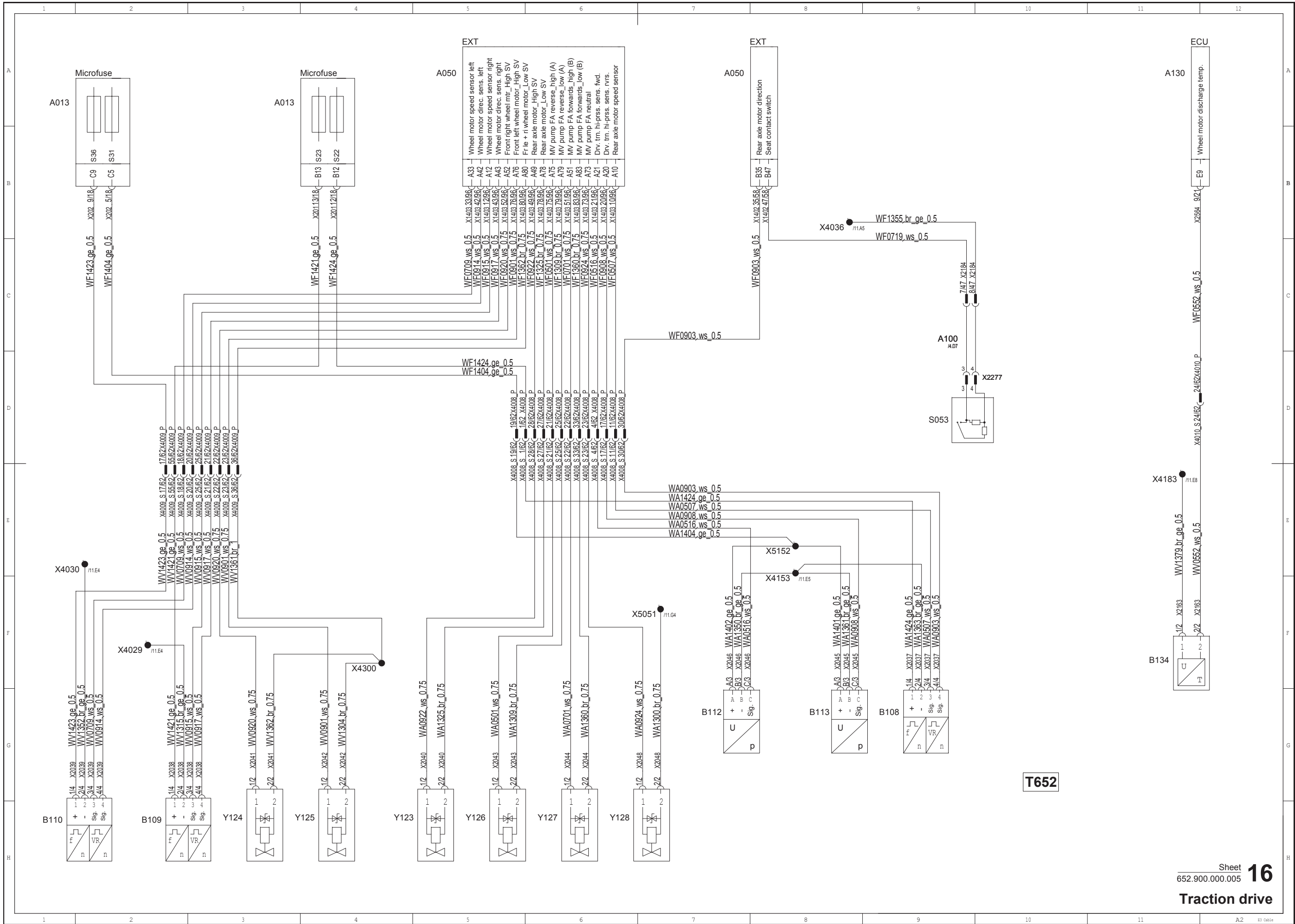
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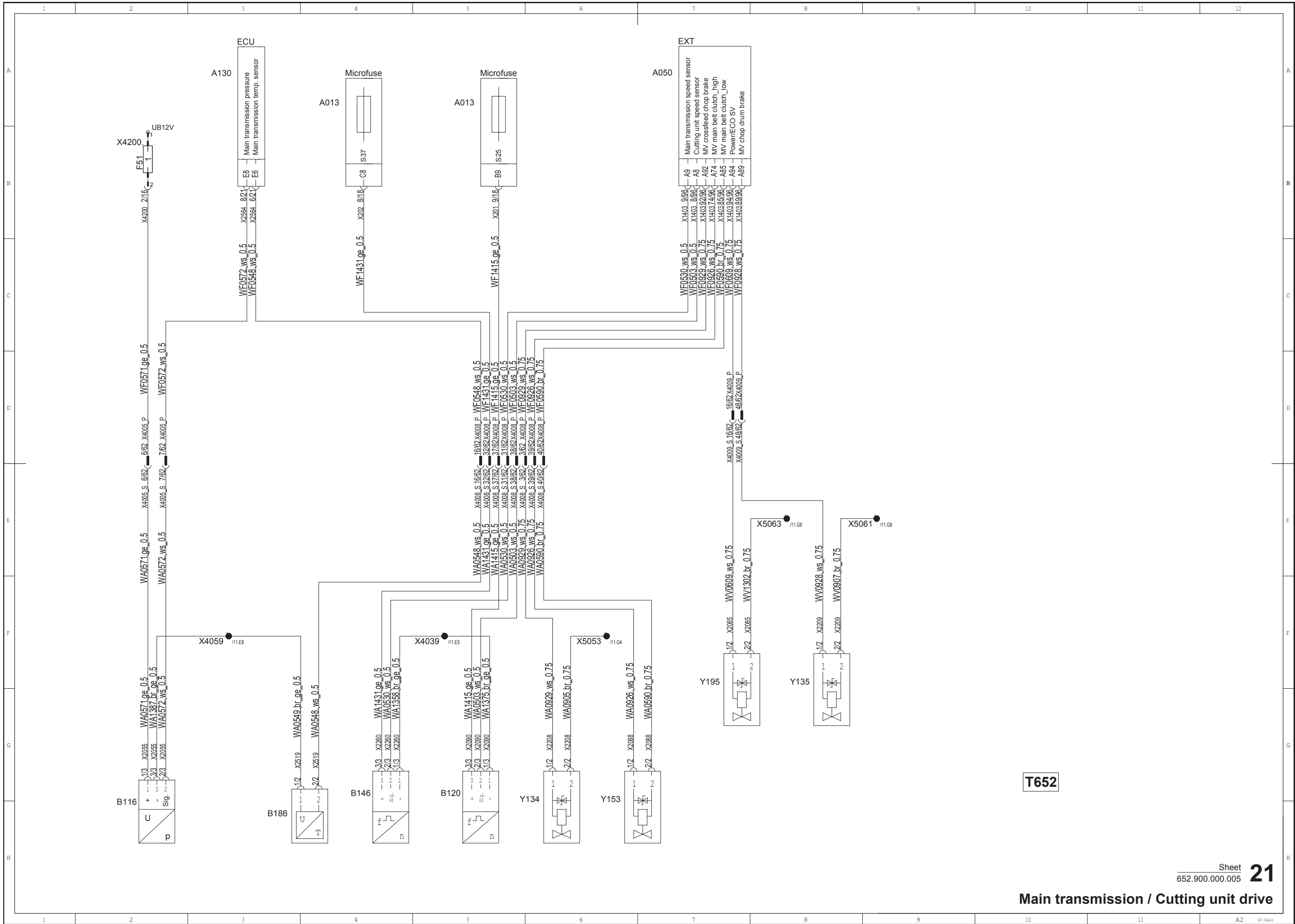
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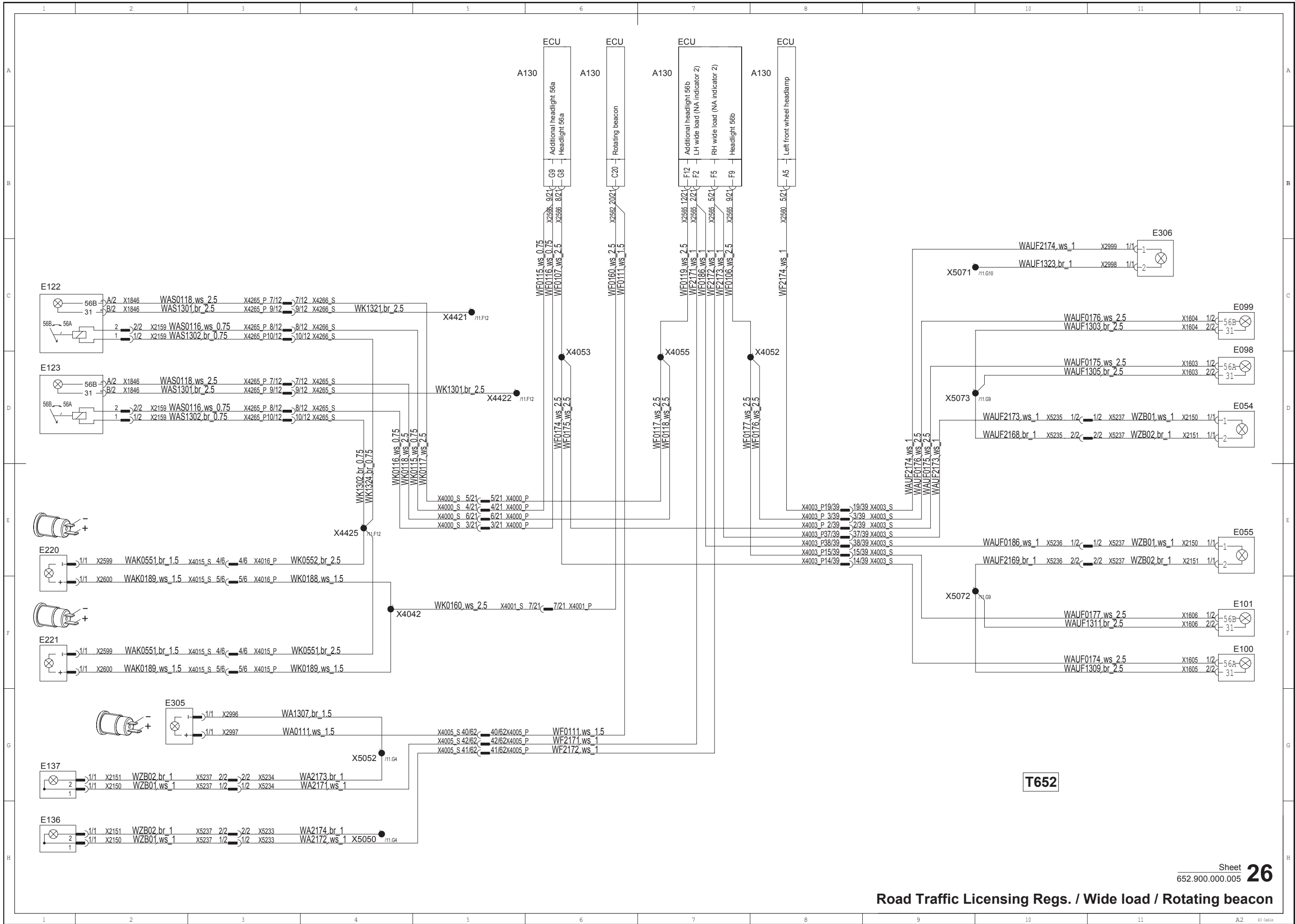
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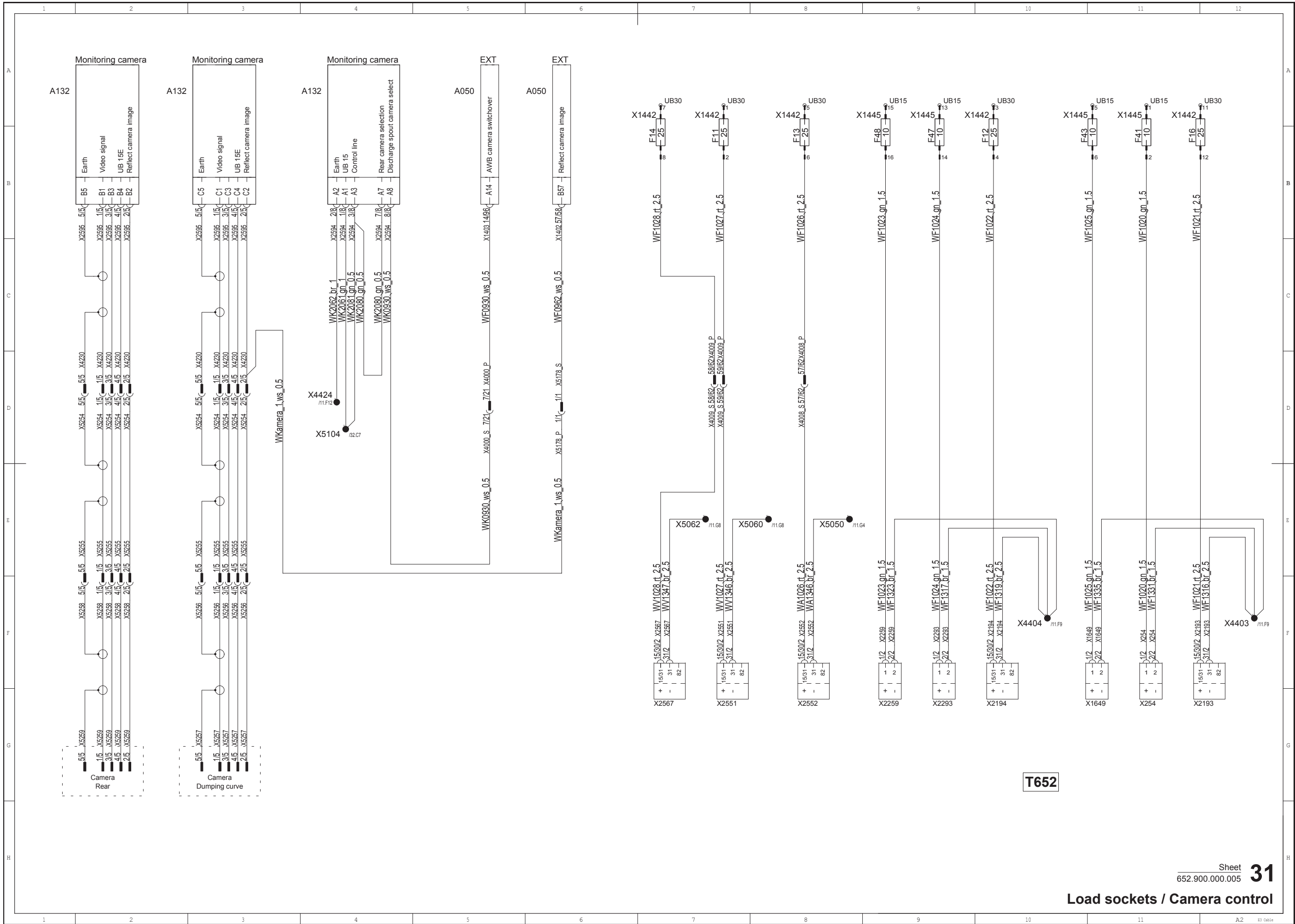




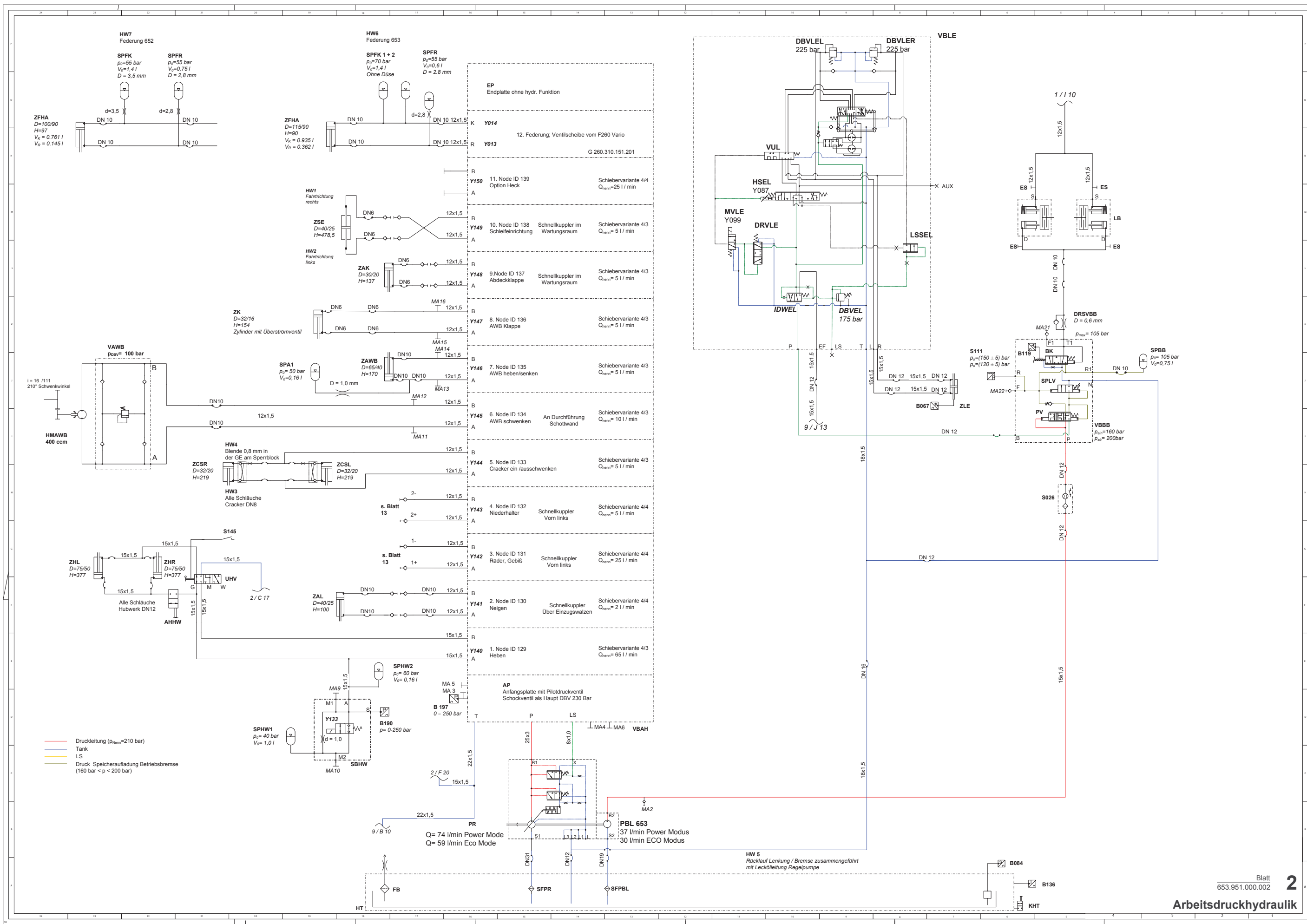
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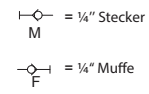


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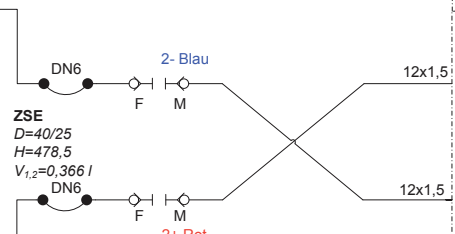
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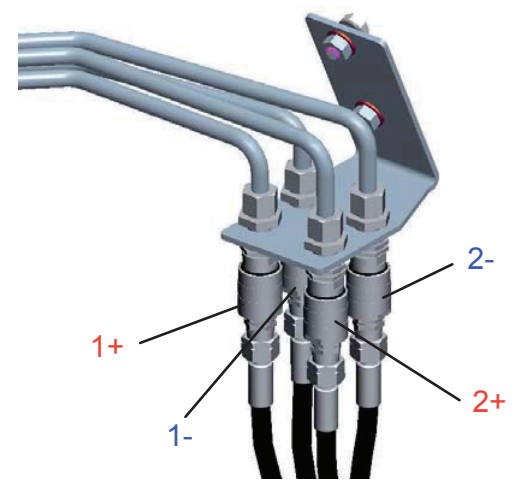
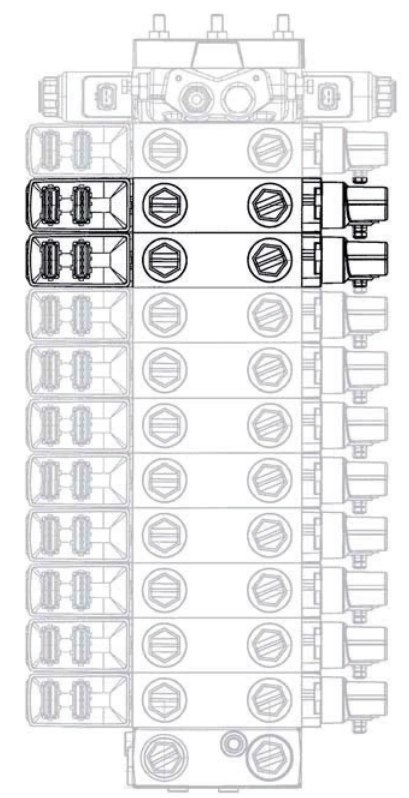
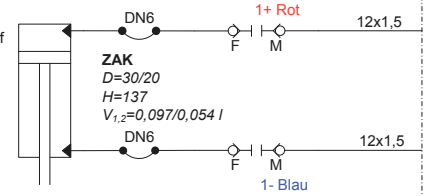
HW1
 S135 Parkposition
 Fahrtrichtung Rechts

HW2
 S136 Wendeposition
 Fahrtrichtung Links

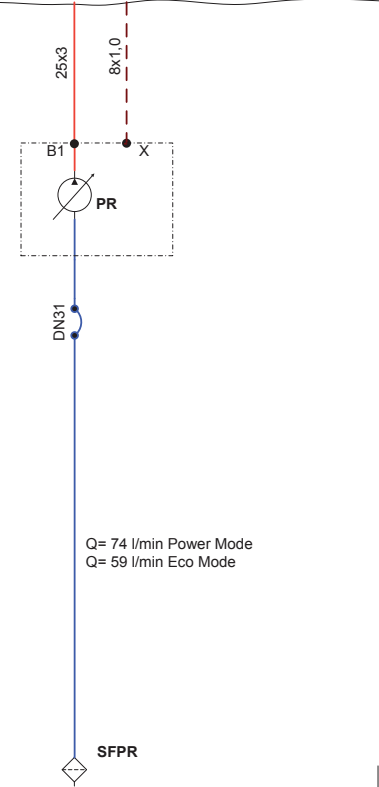


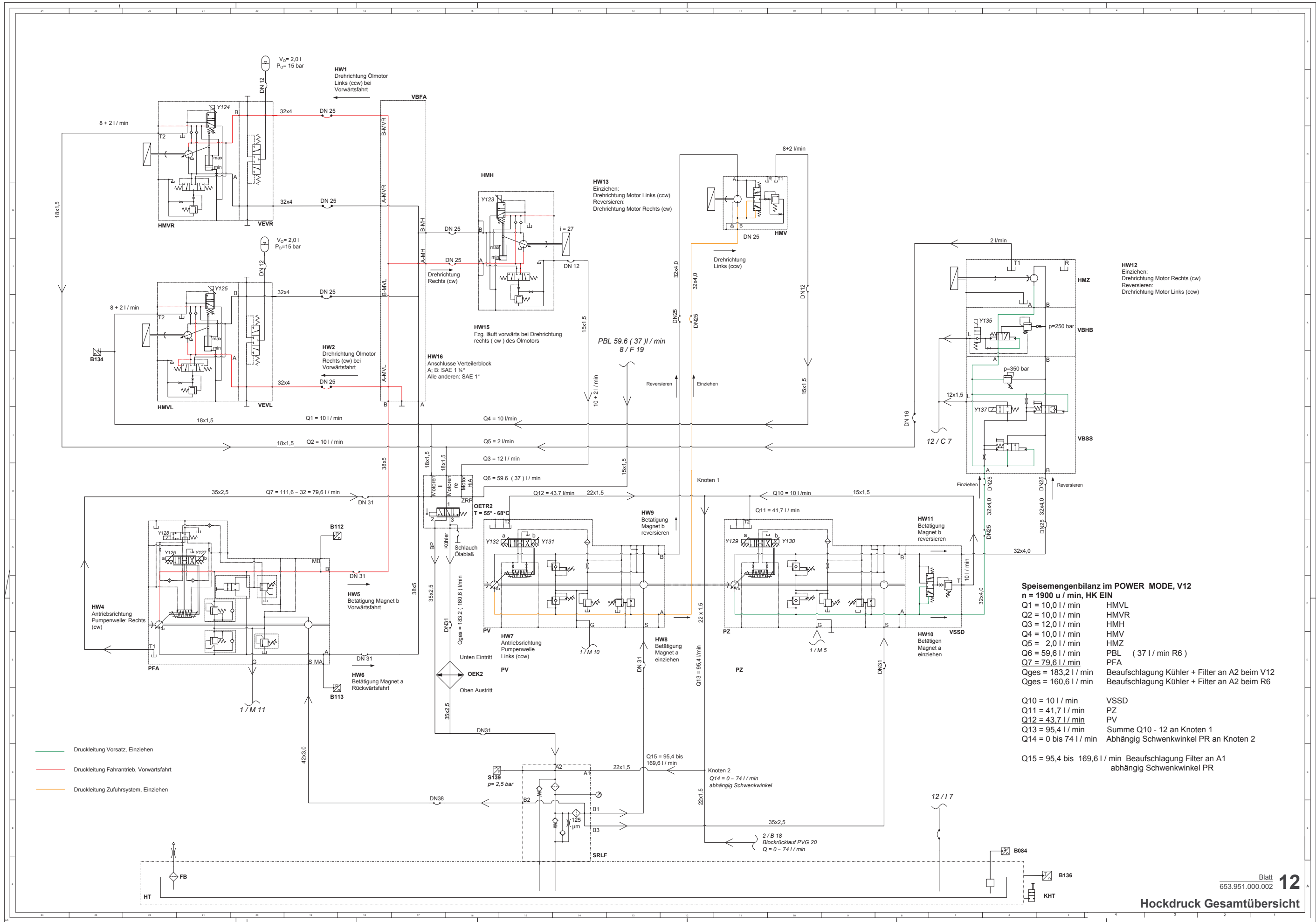
HW3
 S137 Abdeckklappe auf
 Zylinder eingefahren
 Schleifen

HW4
 S138 Abdeckklappe zu
 Zylinder ausgefahren
 Häckseln



HW6
Ansicht im Wartungsraum





— Druckleitung Vorsatz, Einziehen
— Druckleitung Fahrtrieb, Vorwärtsfahrt
— Druckleitung Zuführsystem, Einziehen

Speisemengenbilanz im POWER MODE, V12
n = 1900 u / min, HK EIN

Q1 = 10,0 l / min	HMVL
Q2 = 10,0 l / min	HMVR
Q3 = 12,0 l / min	HMH
Q4 = 10,0 l / min	HMV
Q5 = 2,0 l / min	HMZ
Q6 = 59,6 l / min	PBL (37 l / min R6)
Q7 = 79,6 l / min	PFA
Qges = 183,2 l / min	Beaufschlagung Kühler + Filter an A2 beim V12
Qges = 160,6 l / min	Beaufschlagung Kühler + Filter an A2 beim R6
Q10 = 10 l / min	VSSD
Q11 = 41,7 l / min	PZ
Q12 = 43,7 l / min	PV
Q13 = 95,4 l / min	Summe Q10 - 12 an Knoten 1
Q14 = 0 bis 74 l / min	Abhängig Schwenkwinkel PR an Knoten 2
Q15 = 95,4 bis 169,6 l / min	Beaufschlagung Filter an A1 abhängig Schwenkwinkel PR

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