SEN06501-03

Shop Manual

HYDRAULIC
EXCAVATOR

PC240LC-11

SERIAL NUMBERS 95001 and up

KOMATSU®

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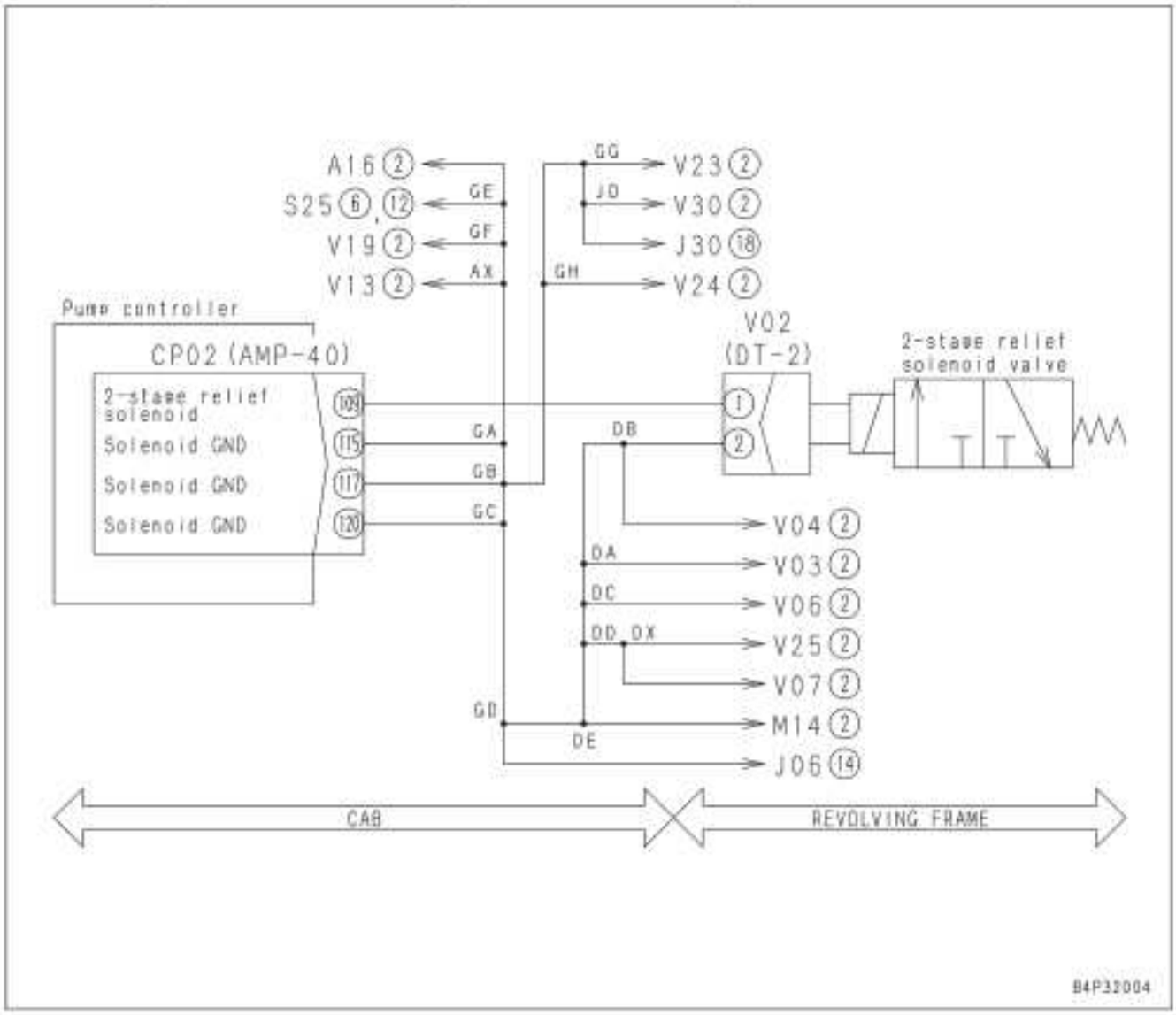
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FAILURE CODES TABLE

Failure code	Failure (Displayed on screen)	Applicable component	Action level	Category of history	Remarks
879AKA	FAILURE CODE [879AKA] (40-165)	MON	—	Electrical System	
879AKB	FAILURE CODE [879AKB] (40-166)	MON	—	Electrical System	
879BKA	FAILURE CODE [879BKA] (40-167)	MON	—	Electrical System	
879BKB	FAILURE CODE [879BKB] (40-169)	MON	—	Electrical System	
879CKA	FAILURE CODE [879CKA] (40-171)	MON	—	Electrical System	
879CKB	FAILURE CODE [879CKB] (40-172)	MON	—	Electrical System	
879DKZ	FAILURE CODE [879DKZ] (40-173)	MON	—	Electrical System	
879EMC	FAILURE CODE [879EMC] (40-175)	MON	L01	Electrical System	
879FMC	FAILURE CODE [879FMC] (40-176)	MON	L01	Electrical System	
879GKX	FAILURE CODE [879GKX] (40-177)	MON	L01	Electrical System	
989L00	FAILURE CODE [989L00] (40-179)	MON	—	Electrical System	
989M00	FAILURE CODE [989M00] (40-180)	MON	—	Electrical System	
989N00	FAILURE CODE [989N00] (40-181)	MON	—	Electrical System	
A1U0N3	FAILURE CODE [A1U0N3] (40-182)	ENG	L01	Electrical System	
A1U0N4	FAILURE CODE [A1U0N4] (40-184)	ENG	L03	Electrical System	
A900FR	FAILURE CODE [A900FR] (40-186)	MON	L03	Mechanical System	
A900N6	FAILURE CODE [A900N6] (40-187)	MON	—	Mechanical System	
A900NY	FAILURE CODE [A900NY] (40-188)	MON	L01	Mechanical System	
AA10NX	FAILURE CODE [AA10NX] (40-189)	MON	L01	Mechanical System	
AB00KE	FAILURE CODE [AB00KE] (40-191)	MON	L03	Mechanical System	
AQ10N3	FAILURE CODE [AQ10N3] (40-194)	ENG	L01	Electrical System	
AS00N3	FAILURE CODE [AS00N3] (40-196)	ENG	L01	Electrical System	

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Circuit diagram related to 2-stage relief solenoid system



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Seizure prevention compound

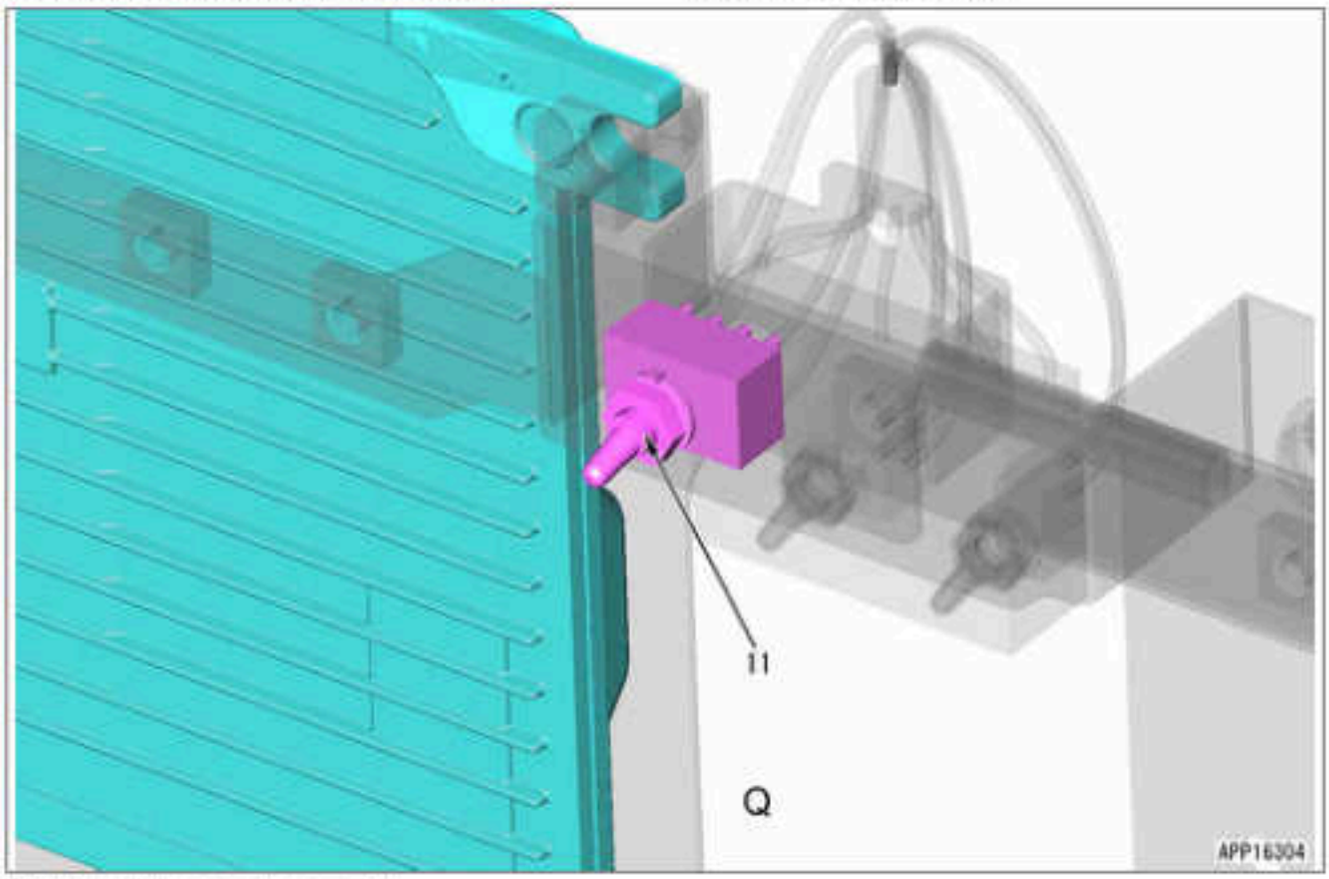
Komatsu code	Part No.	Capacity	Container	Main features and applications
LC-G NEVER-SEEZ	—	—	Pail	• Feature: Seizure and galling prevention compound with metallic super-fine-grain, etc. • Use for the mounting bolt in the high temperature area of the exhaust manifold and the turbocharger, etc.

Grease

Komatsu code	Part No.	Capacity	Container	Main features and applications
G2-LI G0-LI (*) *: For cold districts	SYG2-400LI SYG2-350LI SYG2-400LI-A SYG2-160LI SY-GA-160CNLI SYG0-400LI-A (*) SYG0-16CNLI (*)	Various	Various	• Lithium grease with extreme pressure lubrication performance, general purpose type.
Molybdenum disulfide grease LM-G (G2-M)	SYG2-400M SYG2-400M-A SYGA-16CNM	400 gx 10 400 gx 20 16 kg	Bellows-type container Pail	• Use for parts under heavy load. • Caution: Do not use this grease for rolling bearings like swing circle bearings, etc. and spline. • Caution: Use this grease for work equipment pins only when installing them, but do not use it afterwards.
Hyper white grease G2-T G0-T(*) *: For cold districts	SYG2-400T-A SYG2-16CNT SYG0-400T-A (*) SYG0-16CNT (*)	400 g 16 kg	Bellows-type container Pail	• Higher seizure resistance, heat resistance, and waterproof than molybdenum disulfide grease • Not so conspicuous on machine since color is white.
Biogrease G2-B G2-BT (*) *: For use at high temperature and under high load	SYG2-400B SYGA-16CNB SYG2-400BT (*) SY-GA-16CNBT (*)	400 g 16 kg	Bellows-type container Pail	• Since this grease is bacterially biodegradable in short period, the impact on microorganisms, animals, and plants is kept to the minimum.
G2-S THREEBOND 1855	—	200 g	Tube	• Feature: Silicon-based grease with wider operating temperature range and superior thermal oxidative stability to prevent deterioration of rubber and plastic. • Use for oil seals of the transmission, etc.

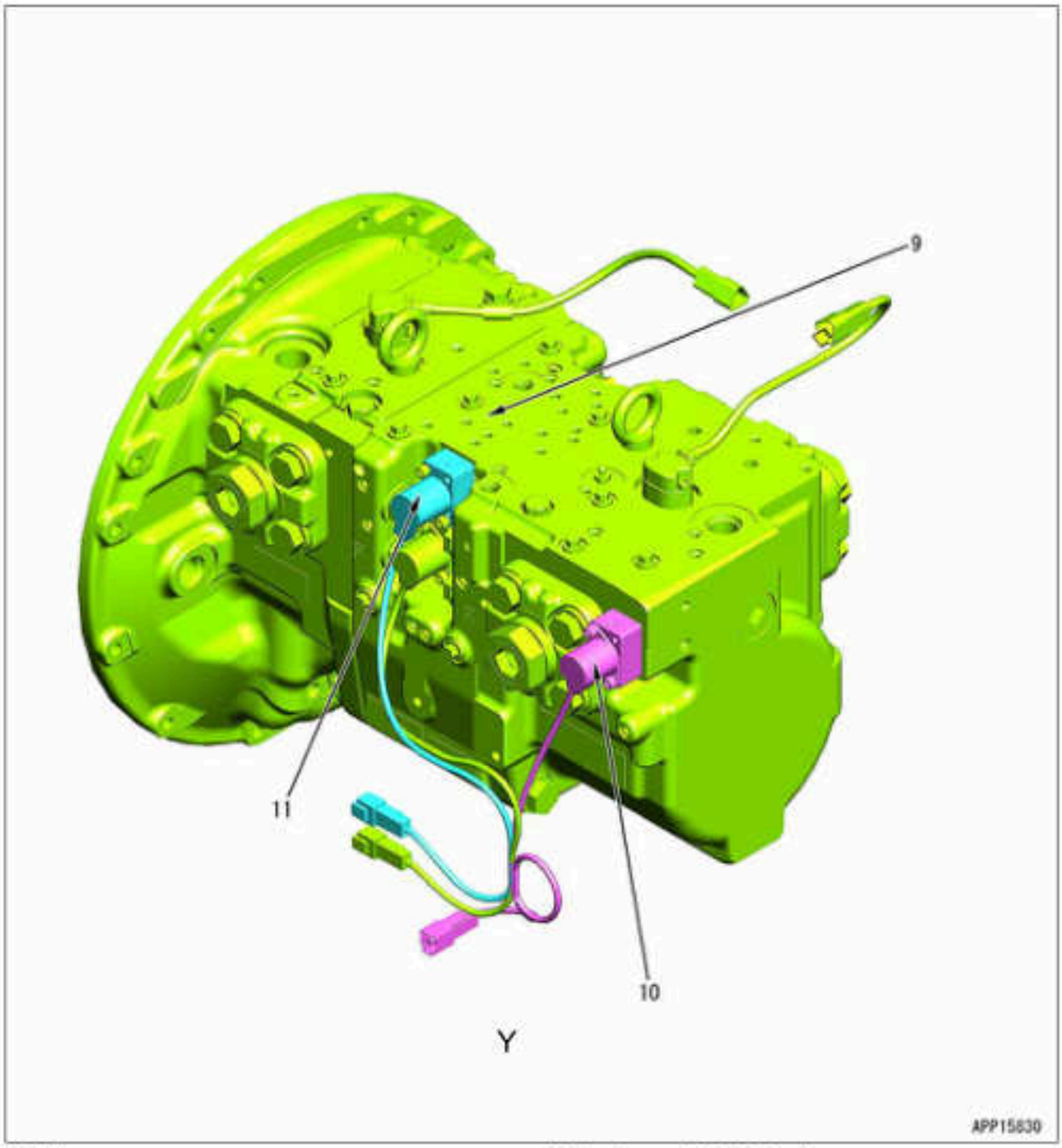
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3: Pump controller
4: Resistor for PC-EPC valve
5: One-touch power maximizing switch
6: R.H. travel FORWARD pressure sensor
7: L.H. travel FORWARD pressure sensor
8: L.H. travel REVERSE pressure sensor
9: R.H. travel REVERSE pressure sensor
10: Service pressure switch



11: Pump drive secondary switch

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9: Main pump
10: Rear pump PC-EPC valve
11: Front pump PC-EPC valve

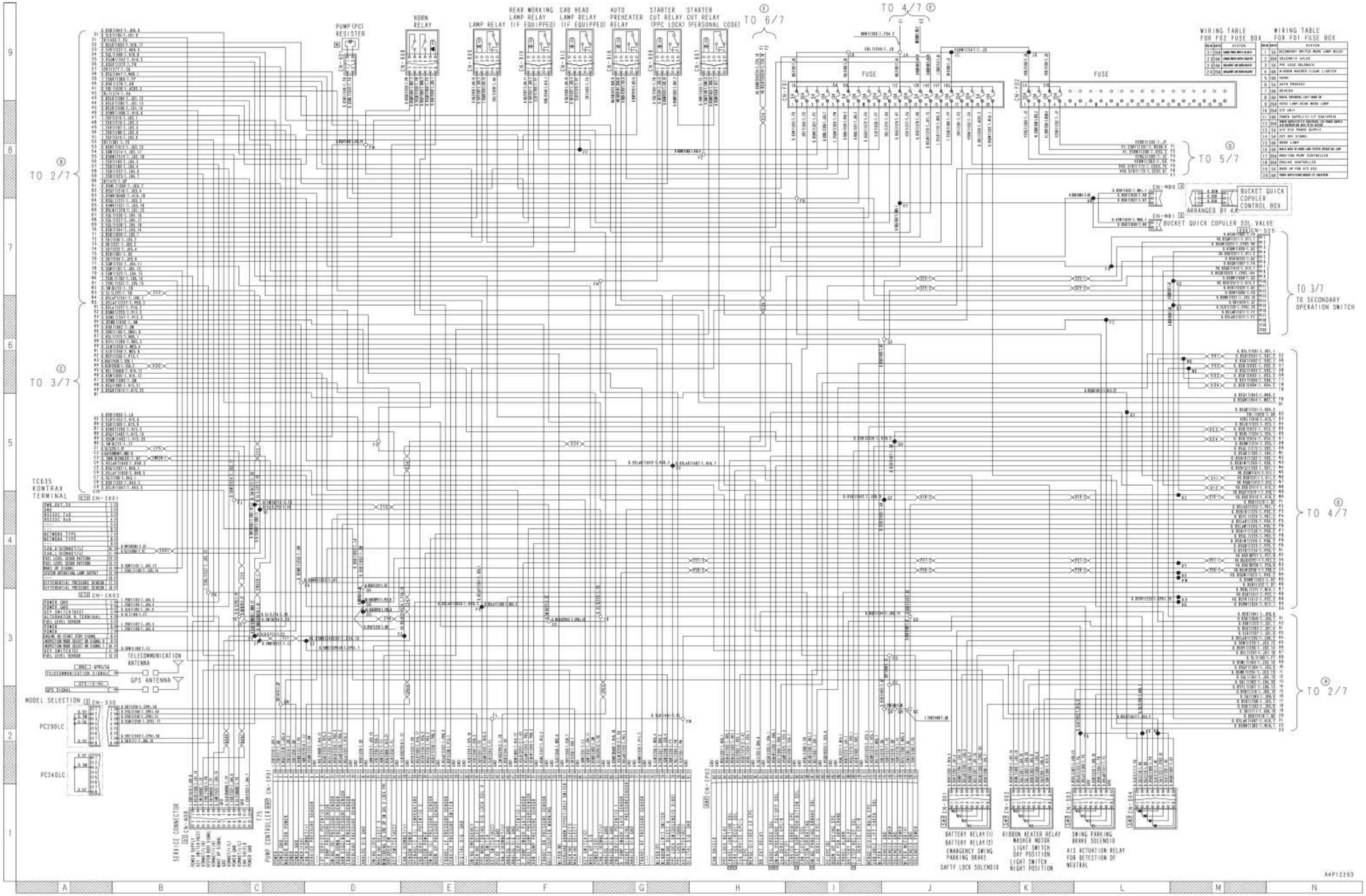
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ELECTRICAL CIRCUIT DIAGRAM (1/7)

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REMARK

This figure covers the equipment and devices that are unavailable as optional items in some areas.



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