



Operation & Maintenance Manual

NO20S

NO20SP

NO10SF

NO10SPF

machinecatalogic.com

2.12 OPERATION ENVIRONMENT

Temperature:

Operation	-35°C - +55°C
Storage	-40°C - +70°C

Humidity	100% condensing according to IEC 68-2-30, Db
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2.13 COOLING

External cooling Contact cooling to metal plate or frame

Isolation 500VAC according to prEN 1175-1

2.14 EMC

Immunity: According to prEN50081-2

Emmission: According to prEN50082-2

CAT

Controller:

Zapi SEM-1

Rev.

5

Program version:

RO 1.78

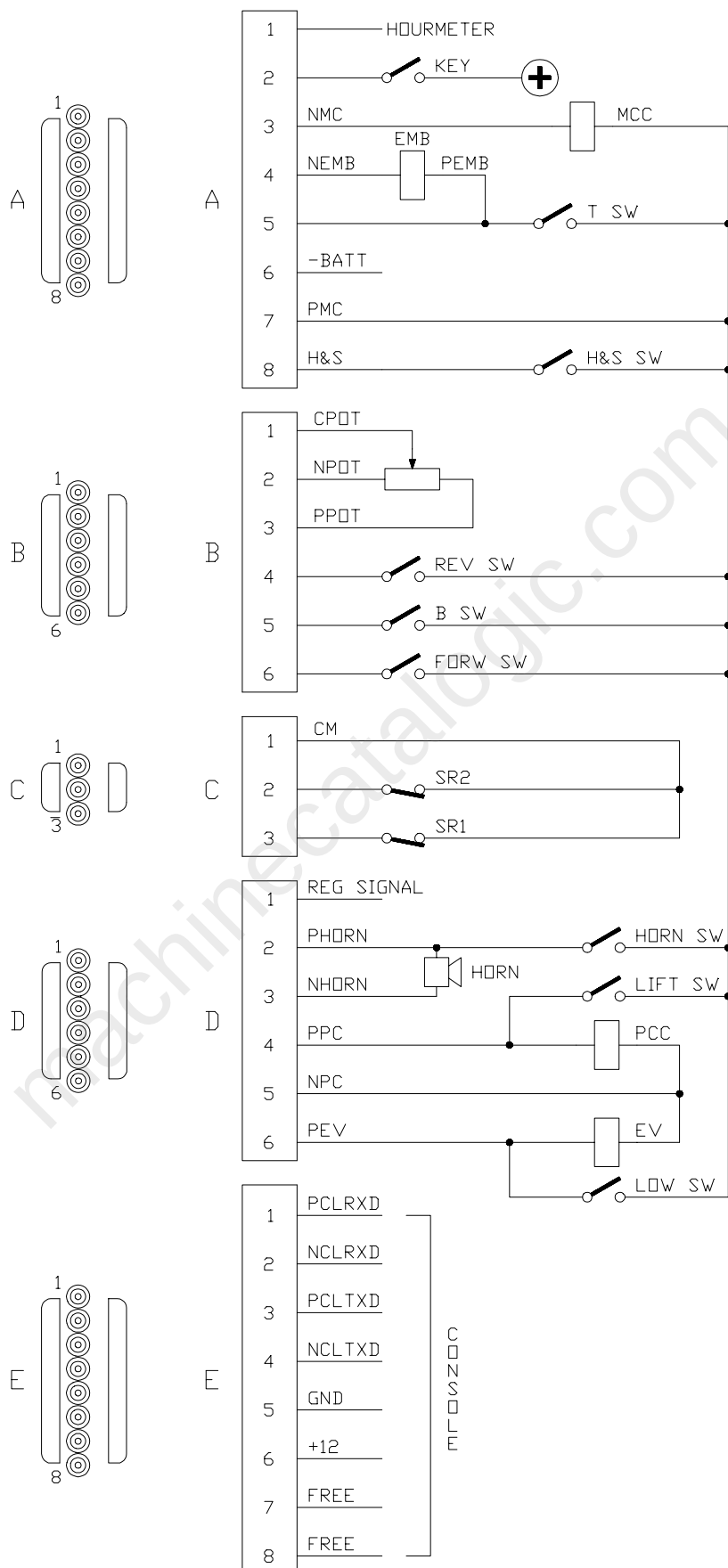
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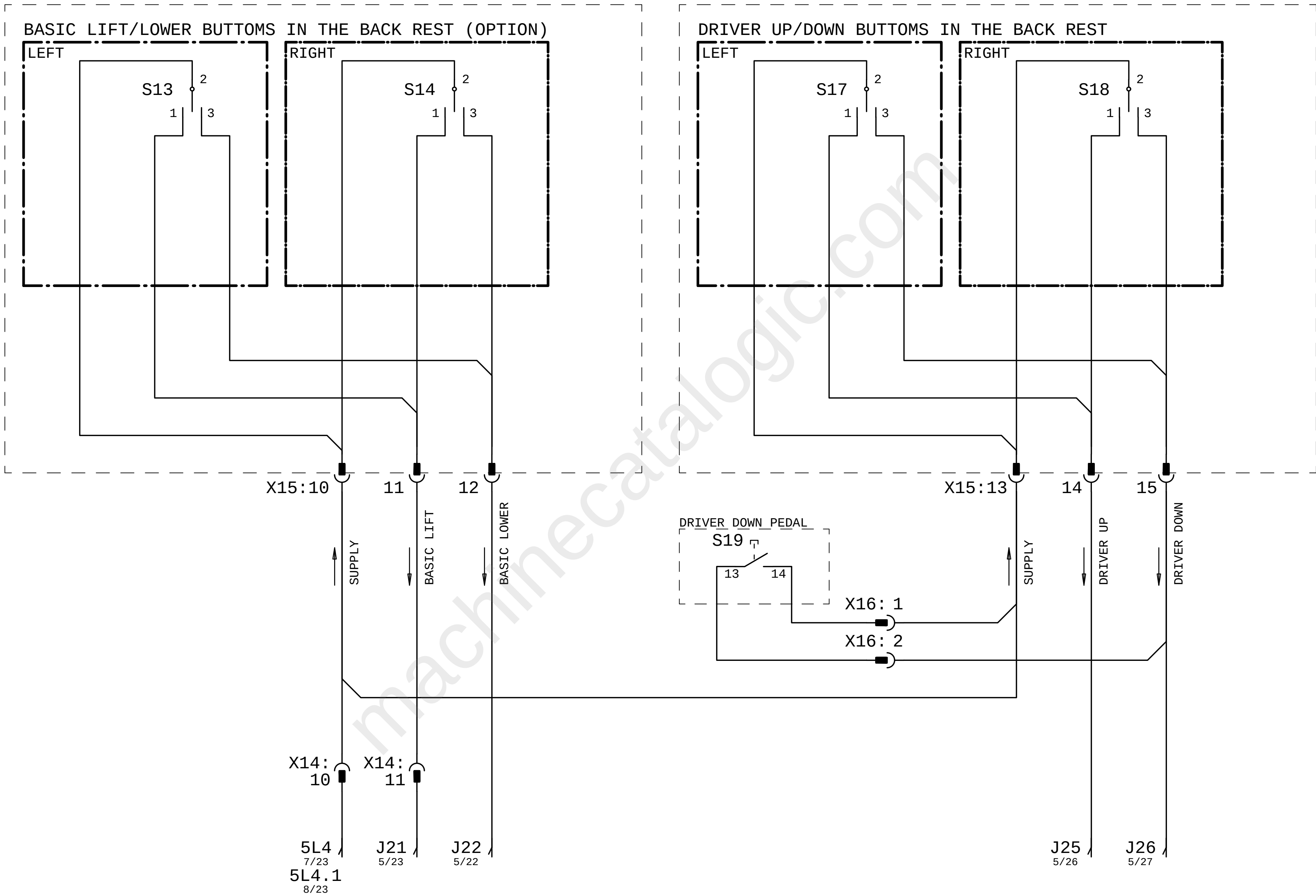
20.12.2002

Zapi's serial number from:

	TRUCK TYPES:										NOTE
	NO20S	NO20SP	NO10SPF	NPR20K							
MAIN MENU/ SEM1 SEM1 SEM1 SEM1											
PARAMETER CHANGE:											
ACCELERATION DELAY	3	3	3	3							
DECELERATION DELAY	5	5	5	5							
RELEASE BRAKING	5	5	5	5							
INVERSE BRAKING	5	5	5	5							
SOFT BRAKING	0	0	0	0							
QUICK INV. BRAKE	5	5	5	5							
SOFT ACCELERATION	0	0	0	0							
CUTBACK SPEED 1	5	5	5	5							
CUTBACK SPEED 2	1	1	1	1							
H&S CUTBACK	0	0	0	0							
MAX. SPEED FORWARD	9	9	9	7							
MAX. SPEED FW FINE	9	9	9	5							
MAX. SPEED BACKWARD	9	9	9	7							
MAX. SPEED BW FINE	9	9	9	5							
COMPENSATION	0	0	0	0							
MAXIMUM CURRENT	5	5	5	5							
ARMA. NOM. CURRENT	0	0	0	0							
WEAK DROPOUT	5	5	5	5							
FIELD NOM. CURRENT	7	7	7	7							
CREEP SPEED	0	0	0	0							
BACKING TIME	9	9	9	9							
BACKING SPEED	6	6	6	6							
AUXILIARY TIME	0	0	0	0							
CONFIG MENU/											
SET OPTIONS:											
HOUR COUNTER	RUN	RUN	RUN	RUN							
QUICK INVERSION	BEL	BEL	BEL	BEL							
AUX OUTPUT #1	BRA	BRA	BRA	BRA							
BATTERY CHECK	ON	ON	ON	ON							
SEAT SWITCH	HAN	HAN	HAN	HAN							
BACKING INPUT	ON	ON	ON	OFF							
INVERSION MODE	NOR	NOR	NOR	NOR							
ADJUSTMENTS:											
ADJUST BATTERY	Ubat	Ubat	Ubat	Ubat							do not change
SET BATTERY TYPE	24V	24V	24V	24V							
SET CONT. TYPE	24V	24V	24V	24V							
THROTTLE 0 ZONE	1	1	1	1							
THROTTLE X POINT	3	3	3	3							
THROTTLE Y POINT	1	1	1	1							
MAIN MENU/ ALARMS/ SPECIAL MENU:											
HARDWARE SETTINGS:											
LOAD HM FROM MDI	OFF	OFF	OFF	OFF							
CHECK UP DONE	OFF	OFF	OFF	OFF							
CHECK UP TYPE	0	0	0	0							
ADJUSTMENT #02	4	4	4	4							
ADJUSTMENT #01	4	4	4	4							
SET CURRENT	300A	300A	300A	300A							
SET FIELD CURRENT	22A	22A	22A	22A							

5.2 CONNECTIONS





Full Version Available

Caterpillar NO20S Order Picker Operator Manual (WHOMM0021)

Caterpillar NO20S Order Picker operator manual, covers safe operation, battery care, controls, and inspections. Downloadable PDF format.

VIEW THE FULL MANUAL