CRAWLER EXCAVATOR

SERVICE MANUAL

HX260L Tier 3

HYUNDAI

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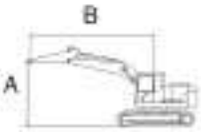
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5. LIFTING CAPACITIES

Model	Type	Boom	Arm	Counterweight	Shoe	Wheel	Dozer		Outrigger	
		Length [mm]	Length [mm]	weight [kg]	width [mm]	width [mm]	Front	Rear	Front	Rear
HX260LT3	MONO BOOM	5850	2010	4600	600	-	-	-	-	-

· : Rating over-front · : Rating over-side or 360 degree



Lift-point height (A)		Lift-point radius (B)								At max. reach		
		3.0 m (9.8 ft)		4.5 m (14.8 ft)		6.0 m (19.7 ft)		7.5 m (24.6 ft)		Capacity		Reach
												m (ft)
7.5 m (24.6 ft)	kg									*7270	*7270	5.55
	lb									*16030	*16030	(18.2)
6.0 m (19.7 ft)	kg			*7450	*7450	*7020	6840			*7120	5570	6.77
	lb			*16420	*16420	*15480	15080			*15700	12280	(22.2)
4.5 m (14.8 ft)	kg			*9300	*9300	*7680	6610			6980	4650	7.49
	lb			*20500	*20500	*16930	14570			15390	10250	(24.6)
3.0 m (9.8 ft)	kg					*8750	6300	6850	4540	6360	4220	7.86
	lb					*19290	13890	15100	10010	14020	9300	(25.8)
1.5 m (4.9 ft)	kg					9390	6030	6720	4410	6190	4080	7.93
	lb					20700	13290	14820	9720	13650	8990	(26.0)
0.0 m (0.0 ft)	kg			*14160	8870	9220	5880	6640	4350	6400	4200	7.70
	lb			*31220	19550	20330	12960	14640	9590	14110	9260	(25.3)
-1.5 m (-4.9 ft)	kg			*13770	8910	9210	5870			7130	4660	7.16
	lb			*30360	19640	20300	12940			15720	10270	(23.5)
-3.0 m (-9.8 ft)	kg	*16820	*16820	*12420	9090	*9100	6030			*8600	5780	6.20
	lb	*37080	*37080	*27380	20040	*20060	13290			*18960	12740	(20.4)

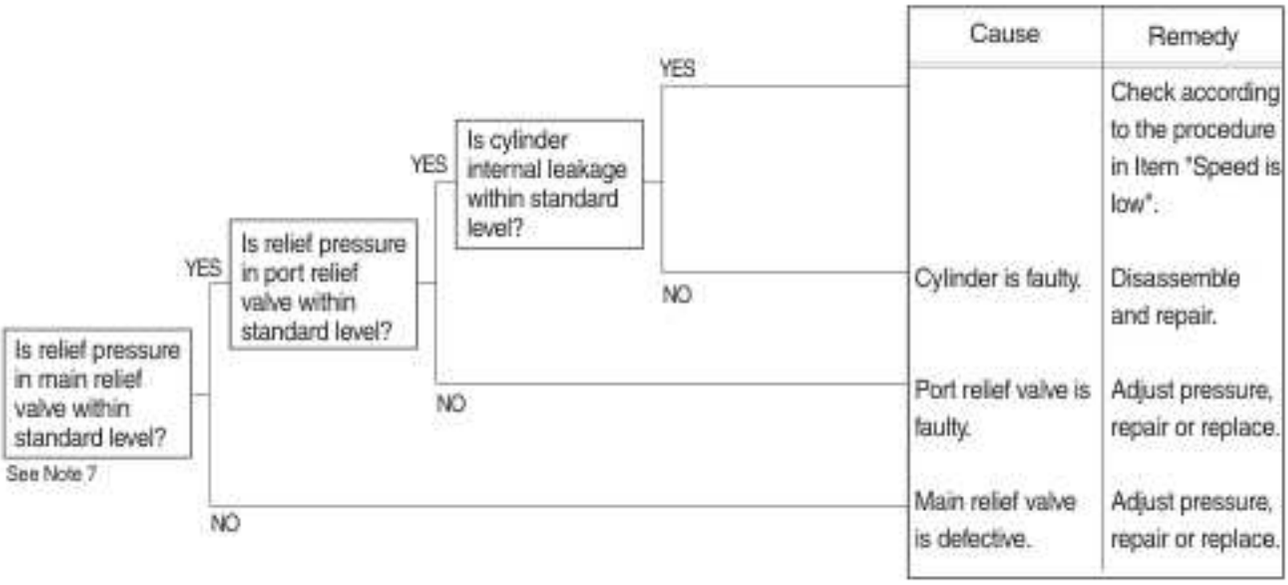
Note 1. Lifting capacity are based on ISO 10567.

2. Lifting capacity of the HX series does not exceed 75% of tipping load with the machine on firm level ground or 87% of full hydraulic capacity.
3. The Lift-point is bucket pivot mounting pin on the arm (without bucket mass).
4. *Indicates load limited by hydraulic capacity.

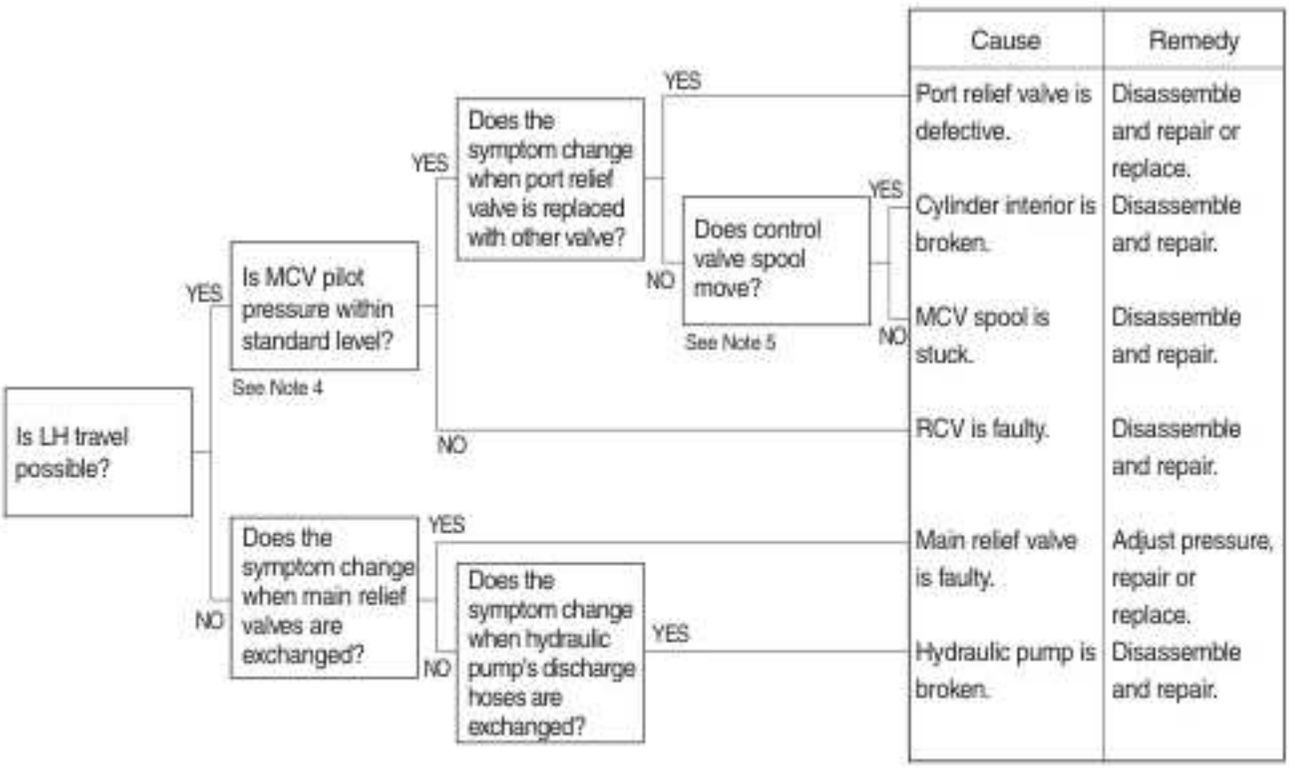
※ Lifting capacities are based upon a standard machine conditions.
Lifting capacities will vary with different work tools ground conditions and attachments.
The difference between the weight of a work tool attachment must be subtracted.
Consult your HD Hyundai Construction Equipment dealer regarding the lifting capacities for specific work tools and attachments.
Failure to comply to the rated load can cause possible personal injury or property damage.
Make adjustments to the rated load as necessory for non-standard configurations.

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4) BOOM, ARM OR BUCKET POWER IS WEAK



5) ONLY BUCKET OPERATION IS TOTALLY IMPOSSIBLE



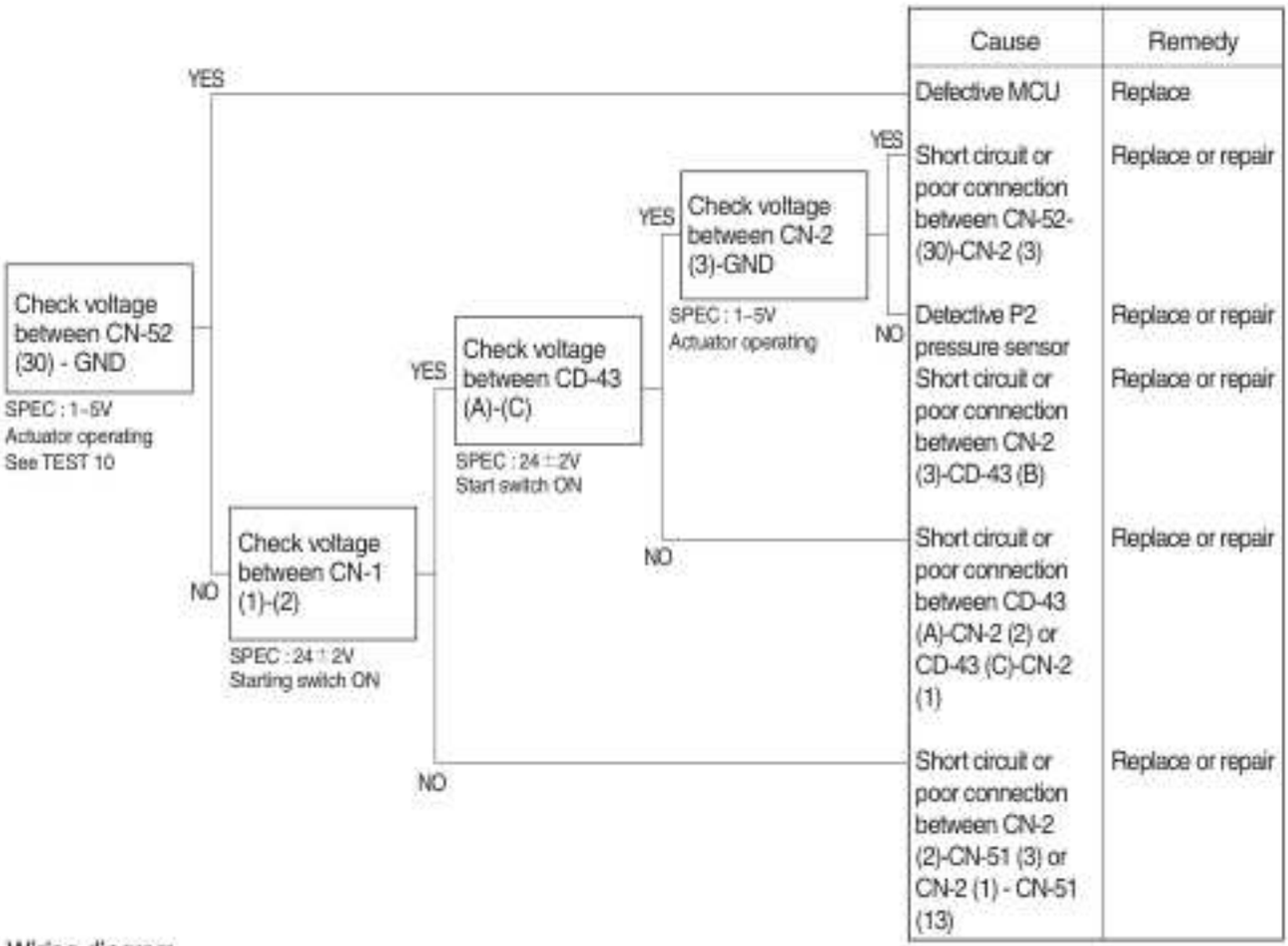
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6. MALFUNCTION OF PUMP 2 PRESSURE SENSOR

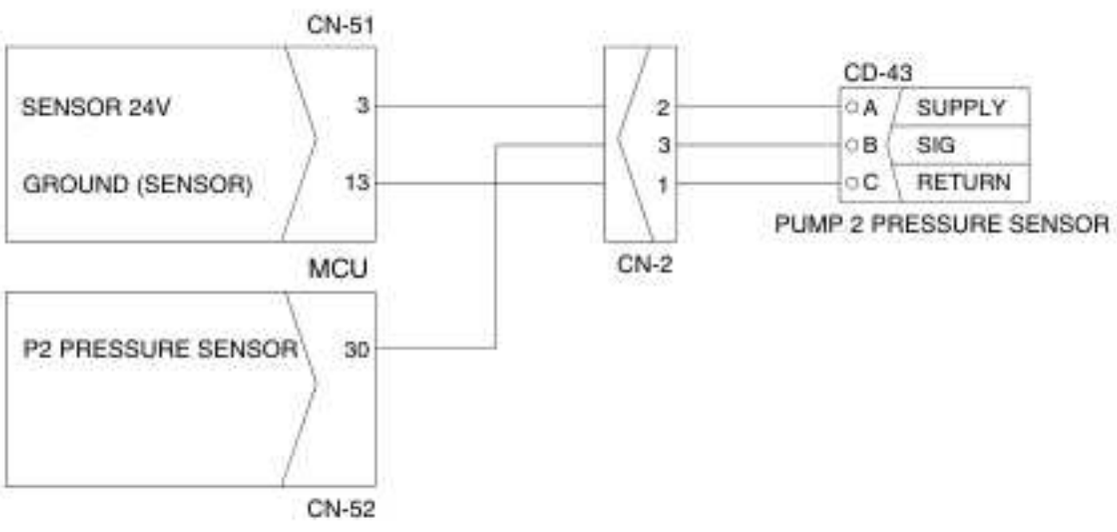
· Fault code : HCESPN 121, FMI 0~4

※ Before carrying out below procedure, check all the related connectors are properly inserted.

1) INSPECTION PROCEDURE



Wiring diagram



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3) ASSEMBLING PINION GEAR SUB ASSY

(1) Prepare drive shaft pinion gear vertical with ground.

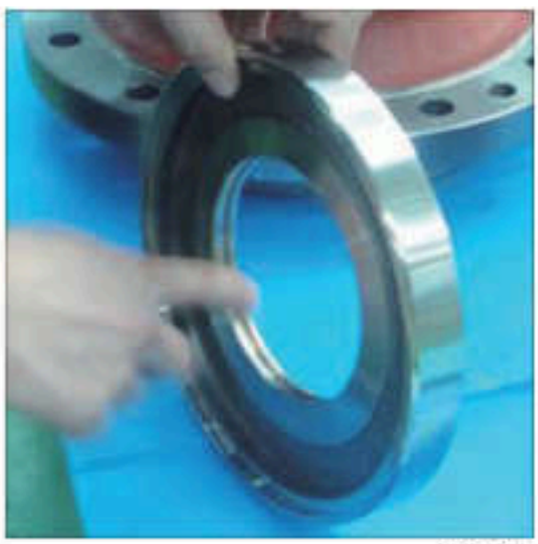


2209A03M21

(2) Fully apply grease (albania EP02) to O-ring groove of sleeve.

※ Be sure to maintain it vertical with ground when assembling it.

(3) Put O-ring into O-ring groove of sleeve. Fully apply grease on O-ring.



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(4) Assemble taper bearing and sleeve into drive shaft using press jig.
Use special jig for pressing. Leave no space between sleeve and taper bearing.



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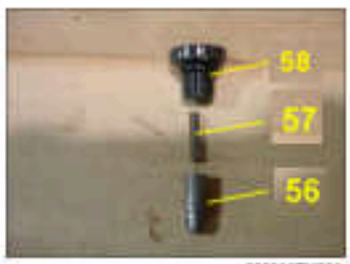
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4. REASSEMBLING

1) ASSEMBLING MOTOR

- REAR COVER ASSY

(1) Assemble check valve (56), spring (57) into rear cover (34) and then assemble plug (58) using L-wrench.





(2) Apply loctite #242 on the NPTF 1/16 plug (2) and then assemble 12-NPTF 1/16 Plug (2) into rear cover(34).





(3) Assemble spool (48), parallel pin (51), spring seat (50) and spring (52) into rear cover (34) in regular sequence and then assemble plug (49) and connector (53).







(4) Assemble relief valve (47, 2EA) into rear cover (34).



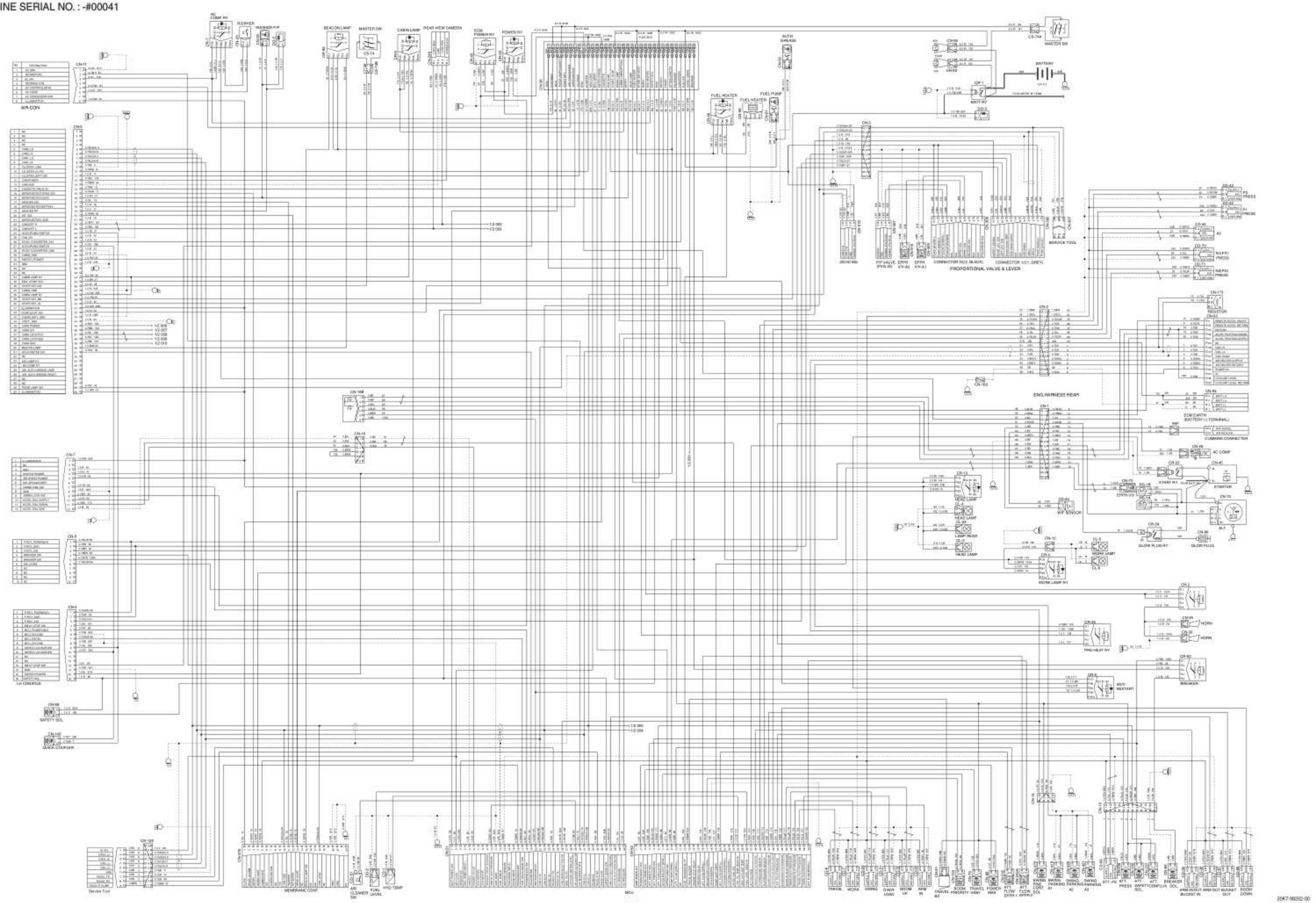




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ELECTRICAL CIRCUIT (1/2)

- MACHINE SERIAL NO. : -#00041



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