CRAWLER EXCAVATOR

SERVICE MANUAL

R210-7V (India)

HYUNDAI

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CONTENTS

SECTION 1 GENERAL

Group 1 Safety Hints 1-1
Group 2 Specifications 1-10

SECTION 2 STRUCTURE AND FUNCTION

Group 1 Pump Device 2-1
Group 2 Main Control Valve 2-21
Group 3 Swing Device 2-51
Group 4 Travel Device 2-60
Group 5 RCV Lever 2-67
Group 6 RCV Pedal 2-74

SECTION 3 HYDRAULIC SYSTEM

Group 1 Hydraulic Circuit 3-1
Group 2 Main Circuit 3-2
Group 3 Pilot Circuit 3-5
Group 4 Single Operation 3-13
Group 5 Combined Operation 3-23

SECTION 4 ELECTRICAL SYSTEM

Group 1 Component Location 4-1
Group 2 Electrical Circuit 4-3
Group 3 Electrical Component Specification 4-20
Group 4 Connectors 4-30

SECTION 5 MECHATRONICS SYSTEM

Group 1 Outline 5-1
Group 2 Mode selection System 5-3
Group 3 Automatic Deceleration System 5-6
Group 4 Power Boost System 5-7
Group 5 Travel Speed Control System 5-8
Group 6 Automatic Warming Up Function 5-9
Group 7 Engine Overheat Prevention Function 5-10
Group 8 Anti-Restart system 5-11

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Group 9 Self-Diagnostic system 5-12
Group 10 Engine Control System 5-20
Group 11 EPPR(Electro Proportional Pressure Reducing) Valve 5-27
Group 12 Monitoring System 5-30

SECTION 6 TROUBLESHOOTING

Group 1 Before trobleshooting 6-1
Group 2 Hydraulic and Mechanical System 6-4
Group 3 Electrical System 6-24
Group 4 Mechatronics System 6-40

SECTION 7 MAINTENANCE STANDARD

Group 1 Operational Performance Test 7-1
Group 2 Major Components 7-21
Group 3 Track and Work Equipment 7-31

SECTION 8 DISASSEMBLY AND ASSEMBLY

Group 1 Precaution 8-1
Group 2 Tightening Torque 8-4
Group 3 Pump Device 8-7
Group 4 Main Control Valve 8-30
Group 5 Swing Device 8-43
Group 6 Travel Device 8-68
Group 7 RCV Lever 8-108
Group 8 Turning Joint 8-123
Group 9 Boom, Arm and Bucket Cylinder 8-128
Group 10 Undercarriage 8-145
Group 11 Work Equipment 8-157

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SECTION 9 COMPONENT MOUNTING TORQUE

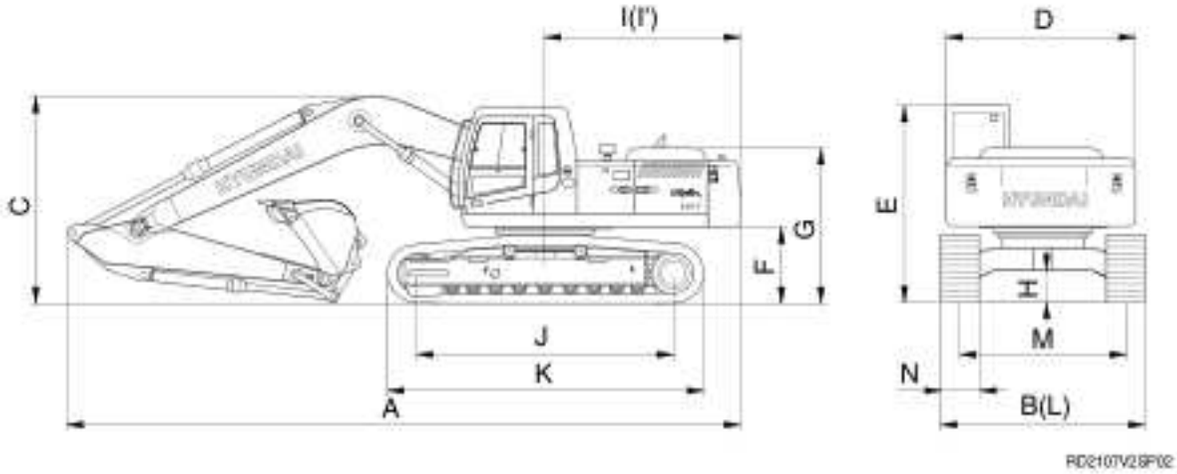
Group 1 Introduction guide 9-1
Group 2 Engine system 9-2
Group 3 Electric system 9-4
Group 4 Hydraulic system 9-6
Group 5 Undercarriage 9-10
Group 6 Structure 9-11
Group 7 Work equipment 9-14

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2. SPECIFICATIONS

1) ROBEX 210-7V

· 5.68m (18' 8") BOOM, 2.4m (7' 10") ARM WITH 500mm TRACK SHOE

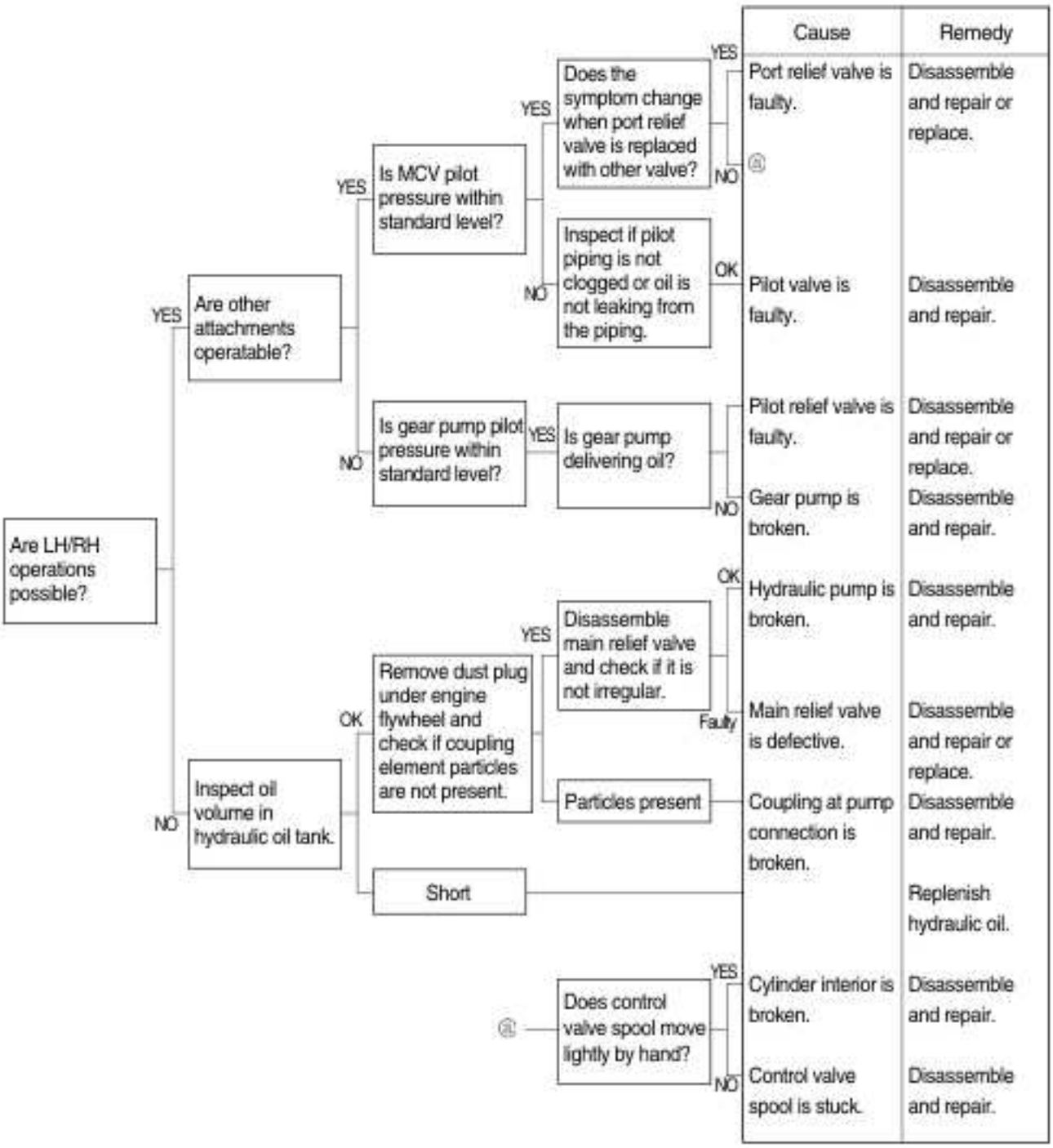


Description		Unit	Specification
Operating weight		kg(lb)	21000(46300)
Bucket capacity(SAE heaped), standard		$m^3(yd^3)$	0.92(1.20)
Overall length	A	mm(ft-in)	9570(31' 5")
Overall width, with 500mm shoe	B		2700(8' 10")
Overall height	C		3110(10' 2")
Superstructure width	D		2700(8' 10")
Overall height of cab	E		2920(9' 7")
Ground clearance of counterweight	F		1060(3' 6")
Engine cover height	G		2320(7' 7")
Minimum ground clearance	H		480(1' 7")
Rear-end distance	I		2770(9' 1")
Rear-end swing radius	I'		2830(9' 3")
Distance between tumblers	J		3370(11' 1")
Undercarriage length	K		4160(13' 8")
Undercarriage width	L		2700(8' 10")
Track gauge	M		2200(7' 3")
Track shoe width, standard	N		500(20")
Travel speed(Low/high)		km/hr(mph)	3.5/5.2(2.2/3.2)
Swing speed		rpm	11.0
Gradeability		Degree(%)	35(70)
Ground pressure(500mm shoe)		kgf/cm²(psi)	0.56(7.97)

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6. ATTACHMENT SYSTEM

1) BOOM OR ARM ACTION IS IMPOSSIBLE AT ALL

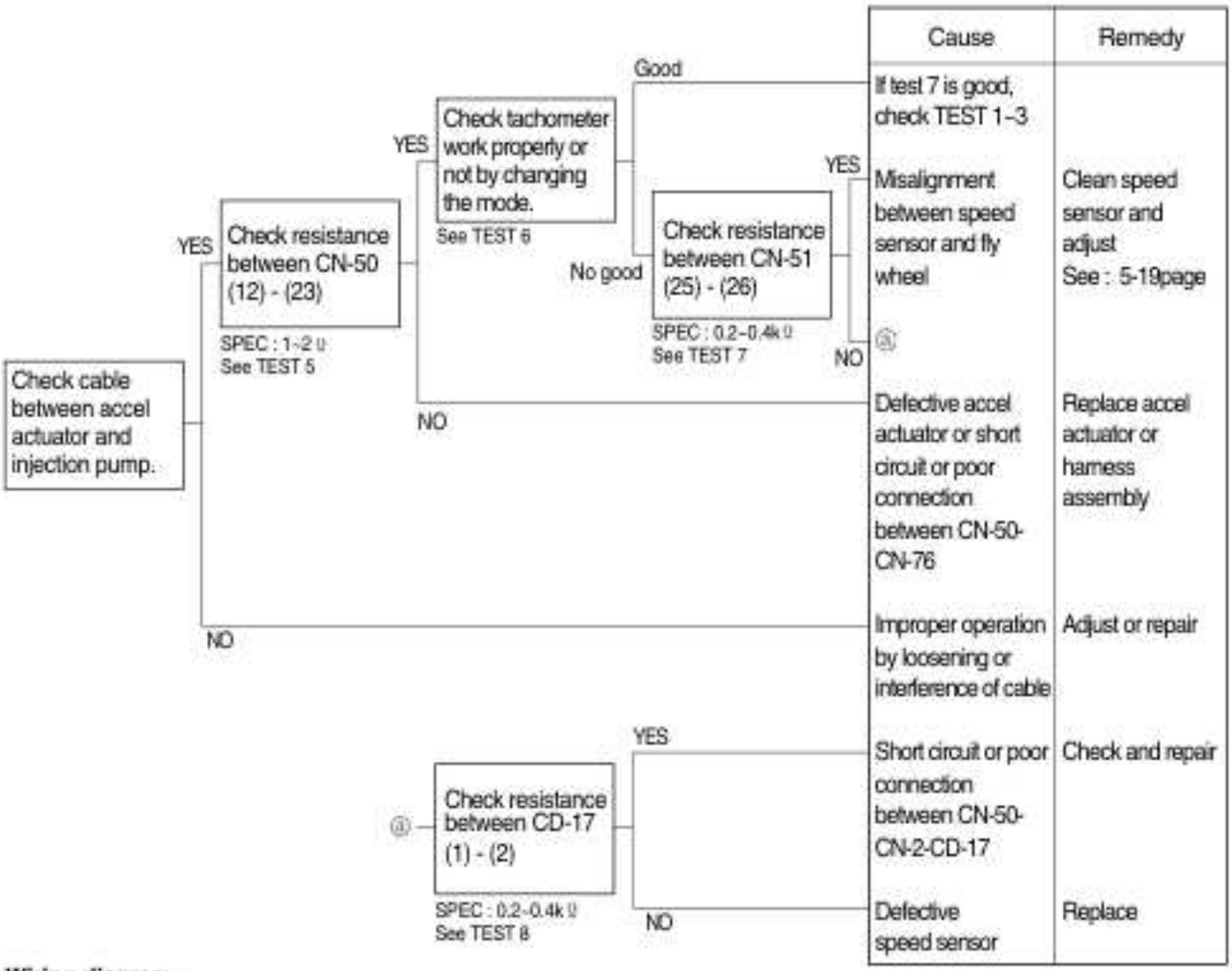


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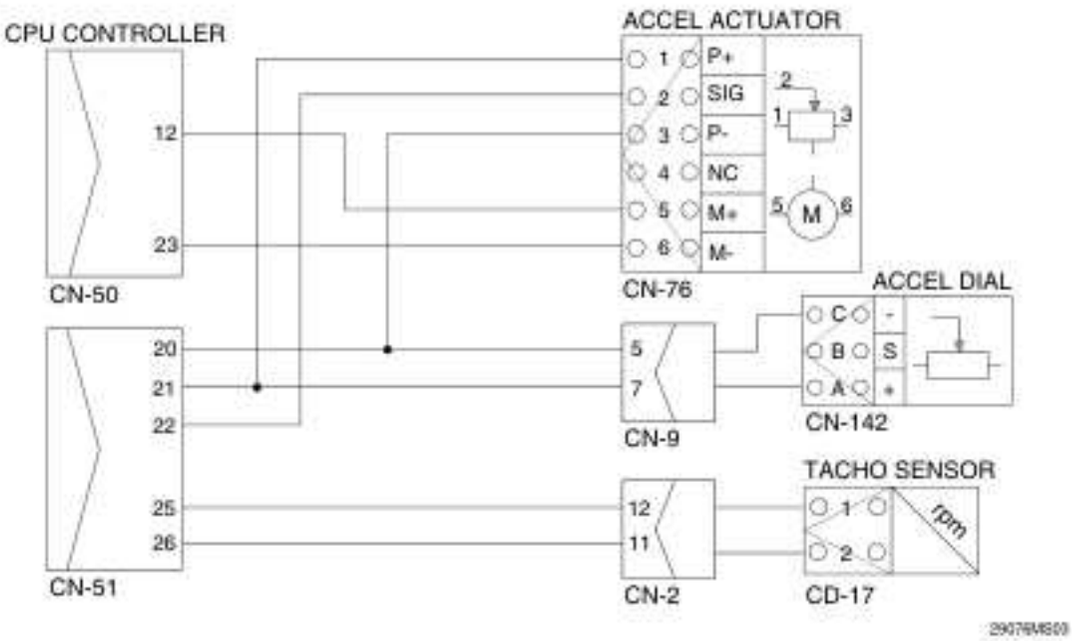
2. ENGINE SPEED IS SLOW AT ALL MODE

※ 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.

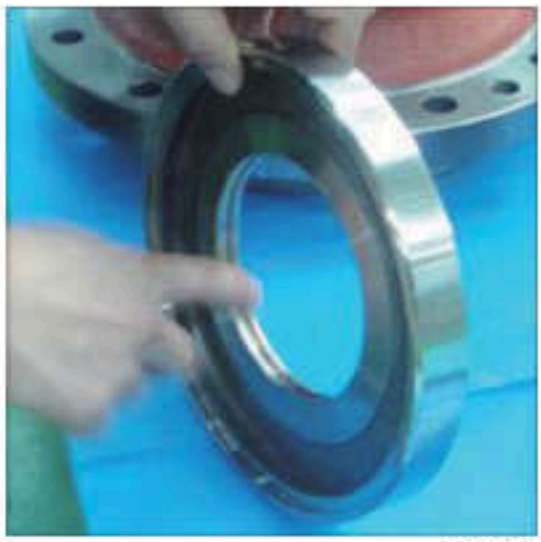


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(2) Fully apply grease (albania EP02) to O-ring groove of sleeve.

※ 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.

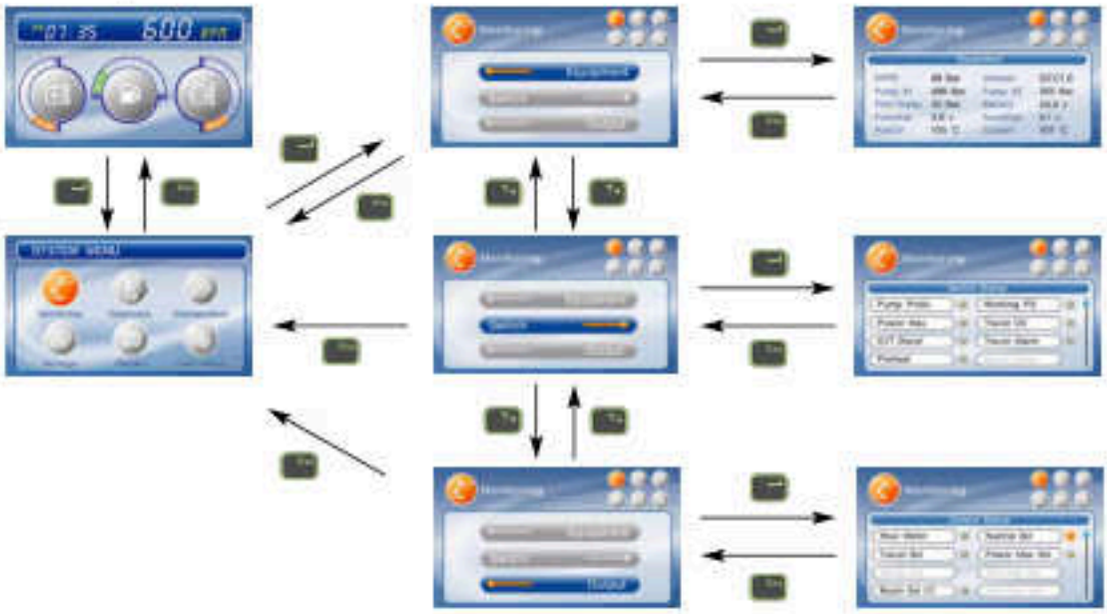


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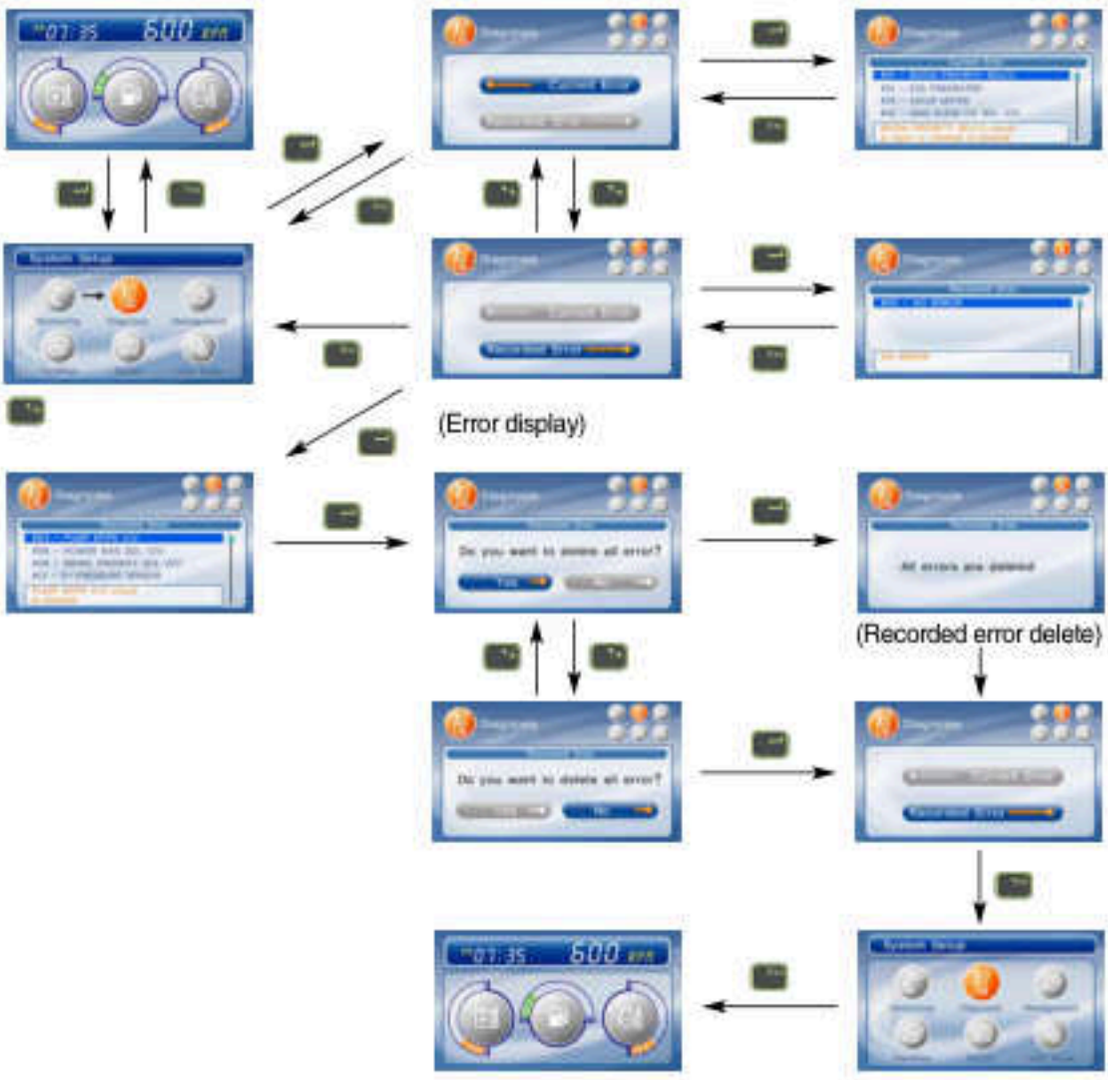
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2) DISPLAY MAP

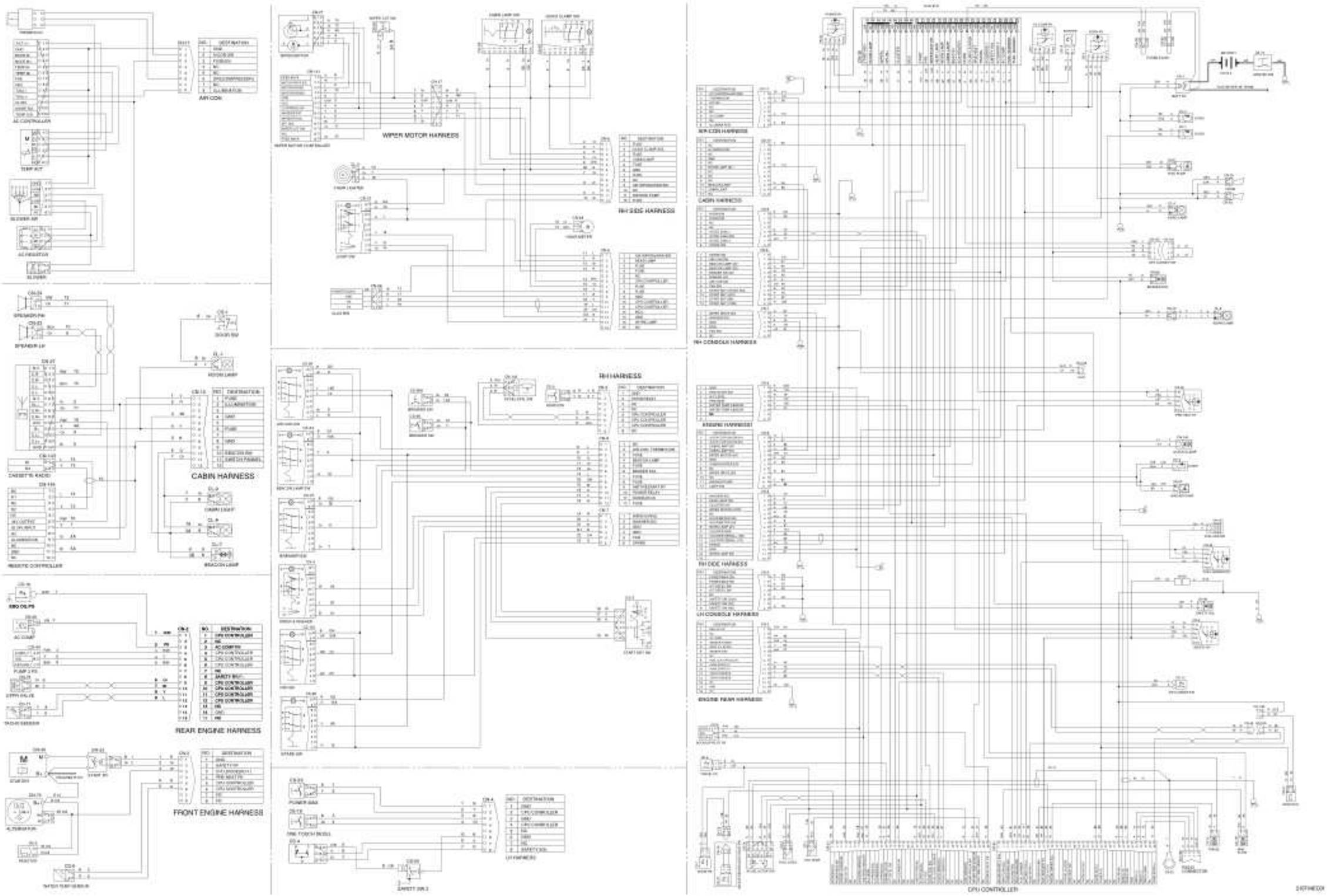
(1) Monitoring



(2) Diagnosis



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