SERVICE MANUAL

EH15
HYDRAULIC EXCAVATOR

NEW HOLLAND
CONSTRUCTION

6-79880

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EH15 SHOP MANUAL

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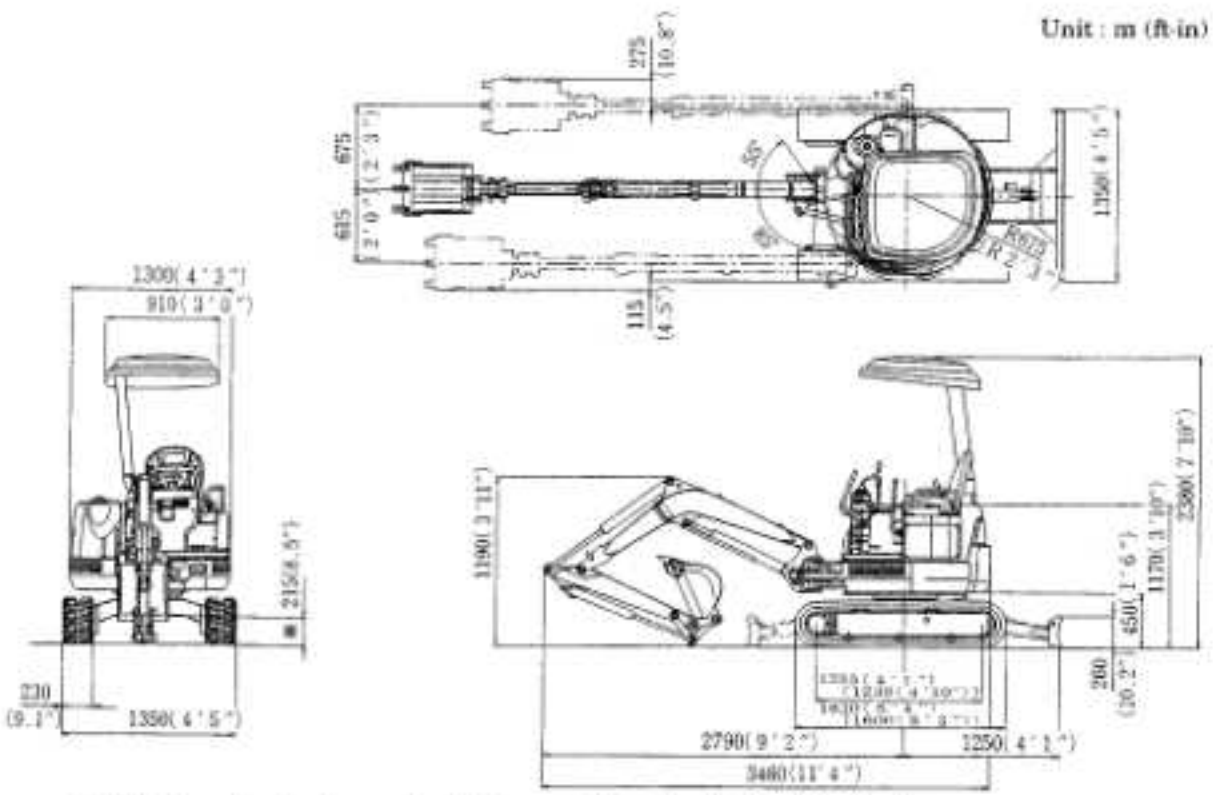
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2.2 GENERAL DIMENSIONS

2.2.1 CANOPY SPECIFICATIONS

Unit : m (ft-in)



NOTE : Numerical values marked ※ do not include the height of the shoe lug.
Numerical values enclosed in parentheses [ ] indicate steel crawler specifications.

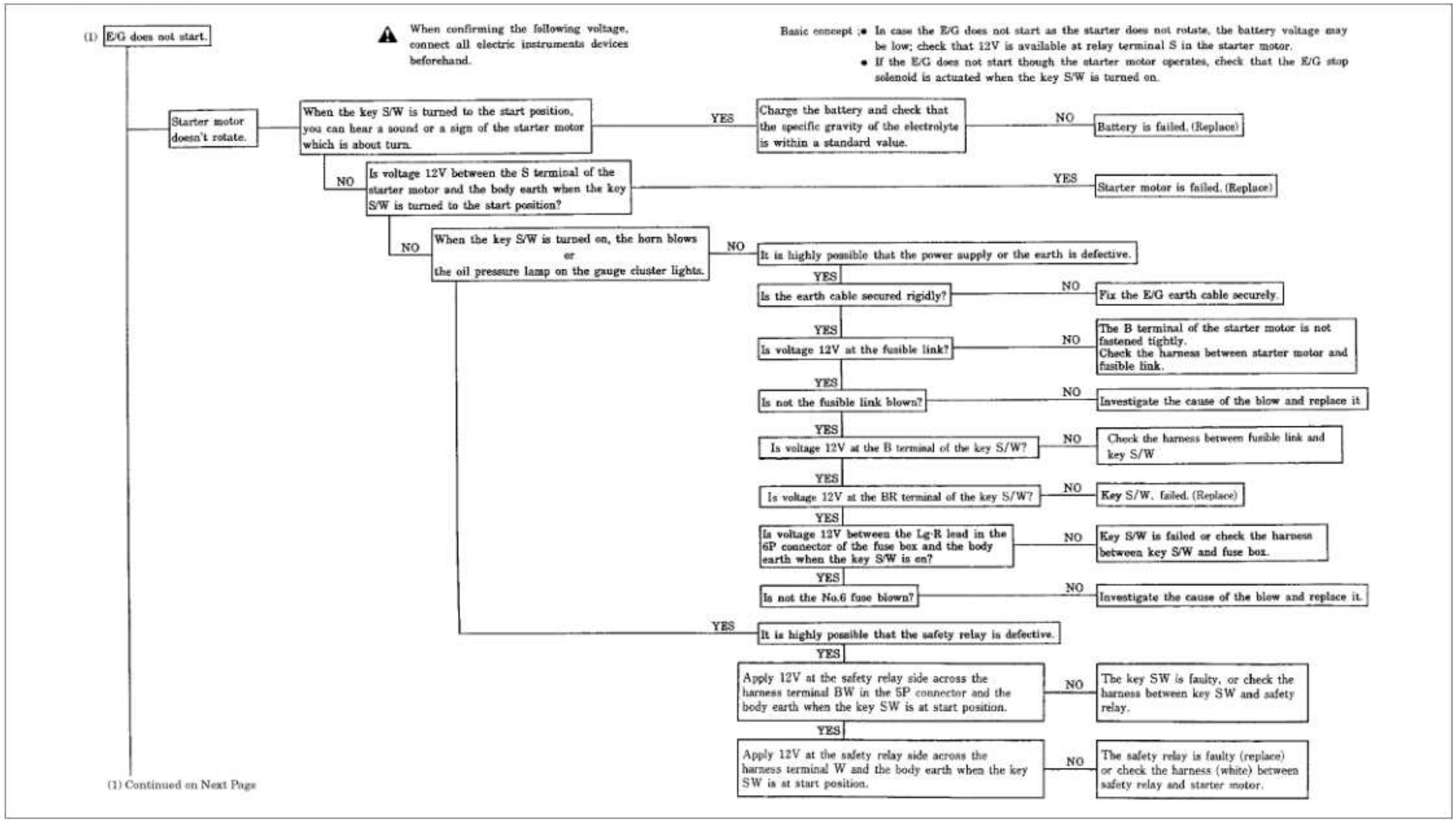
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29.3 TROUBLESHOOTING DIAGRAMS

29.3.1 ENGINE (E/G)

29.3.1.1 ENGINE DOES NOT START



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29.2 TROUBLESHOOTING CHART

29.2.1 DIAGNOSTICS TABLE AND ABBREVIATIONS TABLE

Class	Reference No.	Malfunction condition \ Parts		Engine				Electric unit															Hydraulic unit														
								Power supply system				Power generation and stop system							Operation system and others					Pump			Valve							Actuator		
				Fuel system	Cooling system	Lubrication system	Suction exhaust system and others	Battery	Fusible link	Fuse	Key switch	Safety Relay	Starter motor	Alternator & Air heater	Battery relay	Timer unit	E/G Stop relay	E/G Stop SOL	Gauge cluster	Control cut Limit switch	Control cut SOL	Travel 1,2-speed SW&SOL	Travel lock motor & relay	Main pump	Trochoid pump	Gear pump	Travel & ATT main R/V	Main gear pump R/V	Ports R/V	Travel spool	ATT spool	Check valve	Shuttle valve	Slewing motor unit	Travel motor unit	Hydraulic cylinder
Engine	1	Not start.	Starter doesn't rotate.	○				○	○	○	○	○	○	○	○																					
			Starter rotate.	○				○								○	○	○																		
	2	Starts, but stops.		○												○																				
	3	Not stop.														○	○	○																		
	4	The engine malfunctions.		○	○		○																													
Pump	5	The engine revolution falls when loaded.																						○												
	6	The pump malfunctions.																						○	○	○										
Travel	7	Travel operations is unavailable.								○										○	○		○						○						○	
	8	Travel speed is slow.					○												○			○	○	○						○					○	
	9	Travel power is poor.																	○			○					○		○						○	
	10	Travel motion deflects.																						○						○					○	
Slewing	11	Slewing operation unavailable.																	○	○													○			
	12	Slewing speed is slow.					○																	○												
	13	Slewing power is poor.																									○	○					○			
	14	Slewing operations is unavailable.																												○		○	○			
Attachment	15	Attachment is unoperatable.																	○	○				○					○							
	16	Attachment speed is slow.					○																	○						○						○
	17	Attachment power is poor.																									○		○							○
	18	Attachment operation is unavailable.																												○						○

Table of Abbreviations

ATT	: ATTACHMENT
C/V	: CONTROL VALVE
E/G	: ENGINE
R/V	: RELIEF VALVE
SOL	: SOLENOID
SW	: SWITCH
V	: VALVE

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