SEN01128-05

Shop Manual

BULLDOZER

D68ESS-12

SERIAL NUMBERS D68ESS- 1001 and up
D68ESS-J10001

KOMATSU®

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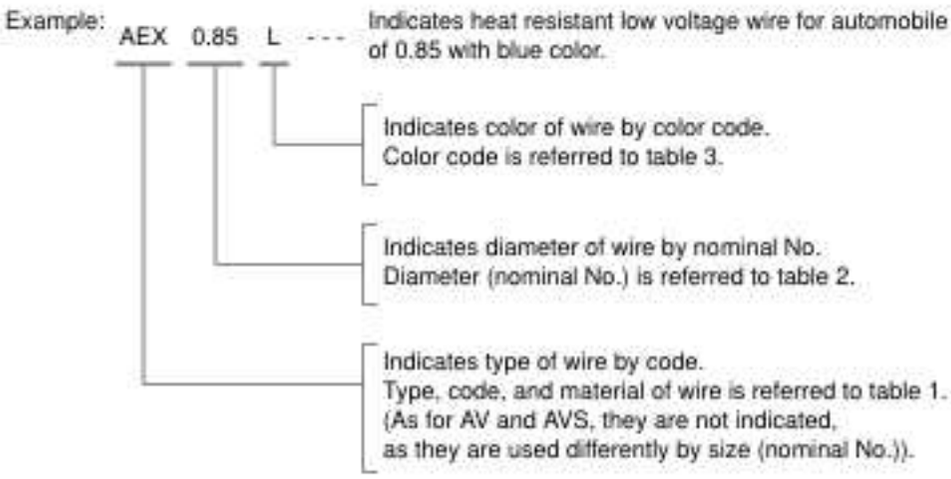
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Machine name and type				Forestry specification	General construction specification	Trimming dozer
Serial number				1001 and up J10001 and up		1005 and up
Work equipment (angle dozer)	Type			Mechanical angle		
	Blade support method			Frame type		—
	Performance	Max. lifting height (from ground)	mm	1,205	1,130	—
		Max. lowering depth (from ground)	mm	535	540	
		Max. tilt	mm	400		
	Dimensions	Blade width	mm	3,970		—
		Blade height	mm	950		
		Blade cutting angle	deg	55		
Work equipment (trimming dozer)	Type			Trimming dozer		
	Blade support method			—	—	Frame type
	Performance	Max. lifting height (from ground)	mm	—	—	1,655
		Max. lowering depth (from ground)	mm			735
		Degree of blade inclining — Front direction	deg			45
		Degree of blade inclining — Rear direction	deg			26
	Dimensions	Blade width	mm			3,020
		Blade height	mm			960

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How to distinguish wire code

In the electric circuit diagram, the material, thickness, and color of each electric wire are indicated by symbols. The electric wire code is helpful in understanding the electric circuit diagram.



1. Type, symbol, and material

AV is different from AVS only in terms of thickness and outer diameter of cover. And AEX is similar to AV in terms of thickness and outer diameter of coating, but different from AV and AVS in coating material.

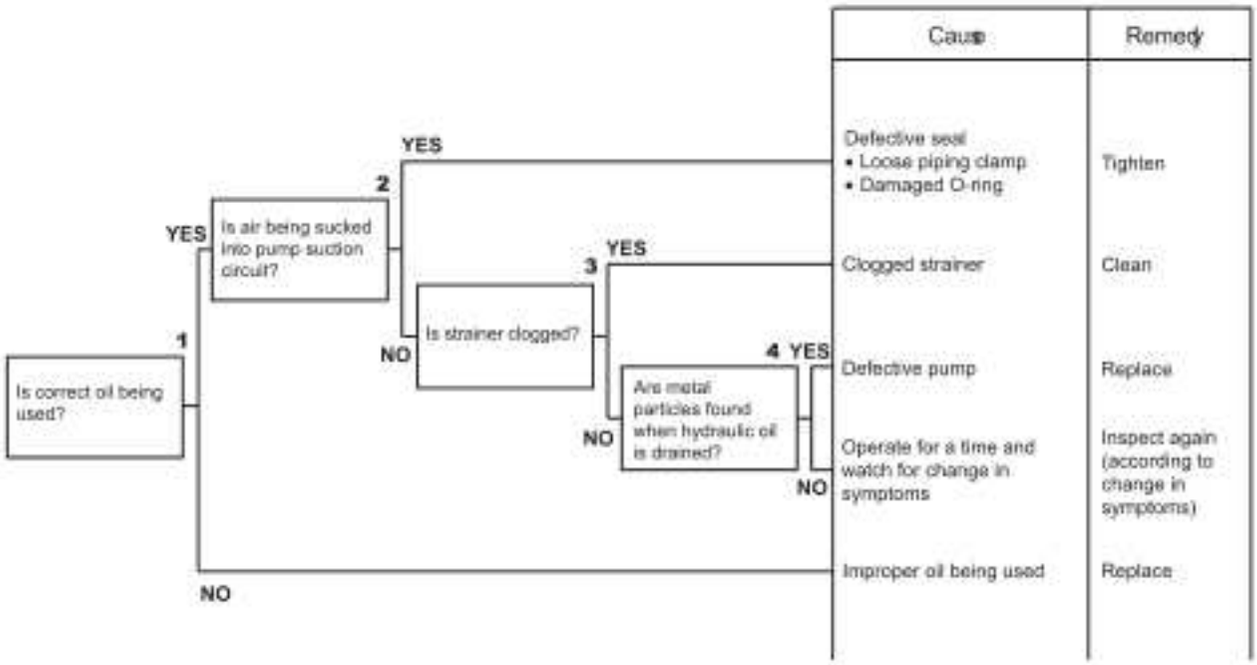
(Table 1)

Type	Symbol	Material		Temperature range (°C) for application	Reference Applied sample
Low voltage wire for automobile application	AV	Conductor	Annealed copper wire for electricity	−30 to +60	For ordinary wiring (nominal No. is more than 5.)
		Insulator	Plasticized type polyvinyl chloride		
Thin-covered low voltage wire for automobile application	AVS	Conductor	Annealed copper wire for electricity		For ordinary wiring (nominal No. is less than 3.)
		Insulator	Plasticized type polyvinyl chloride		
Heat resistant low voltage wire for automobile application	AEX	Conductor	Annealed copper wire for electricity	−50 to +110	For ordinary wiring of extremely cold region specification, wiring in high ambient temperature
		Insulator	Heat resistant crosslinked polyethylene		

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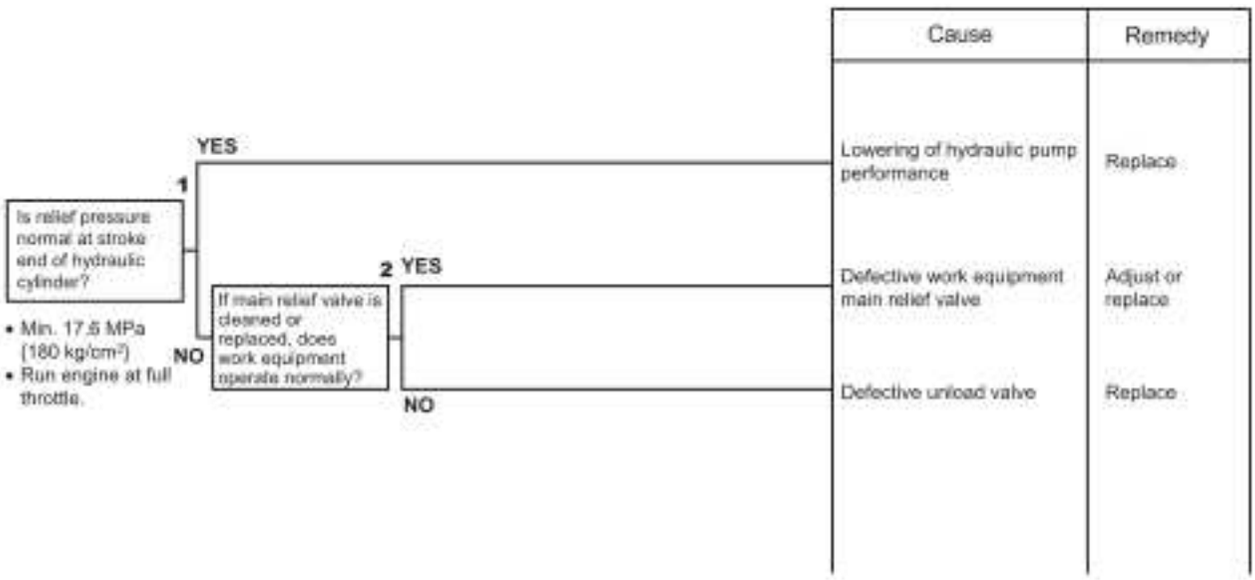
H-11 Abnormal noise is generated from around hydraulic pump

★ Check the oil level in the hydraulic tank before carrying out troubleshooting.



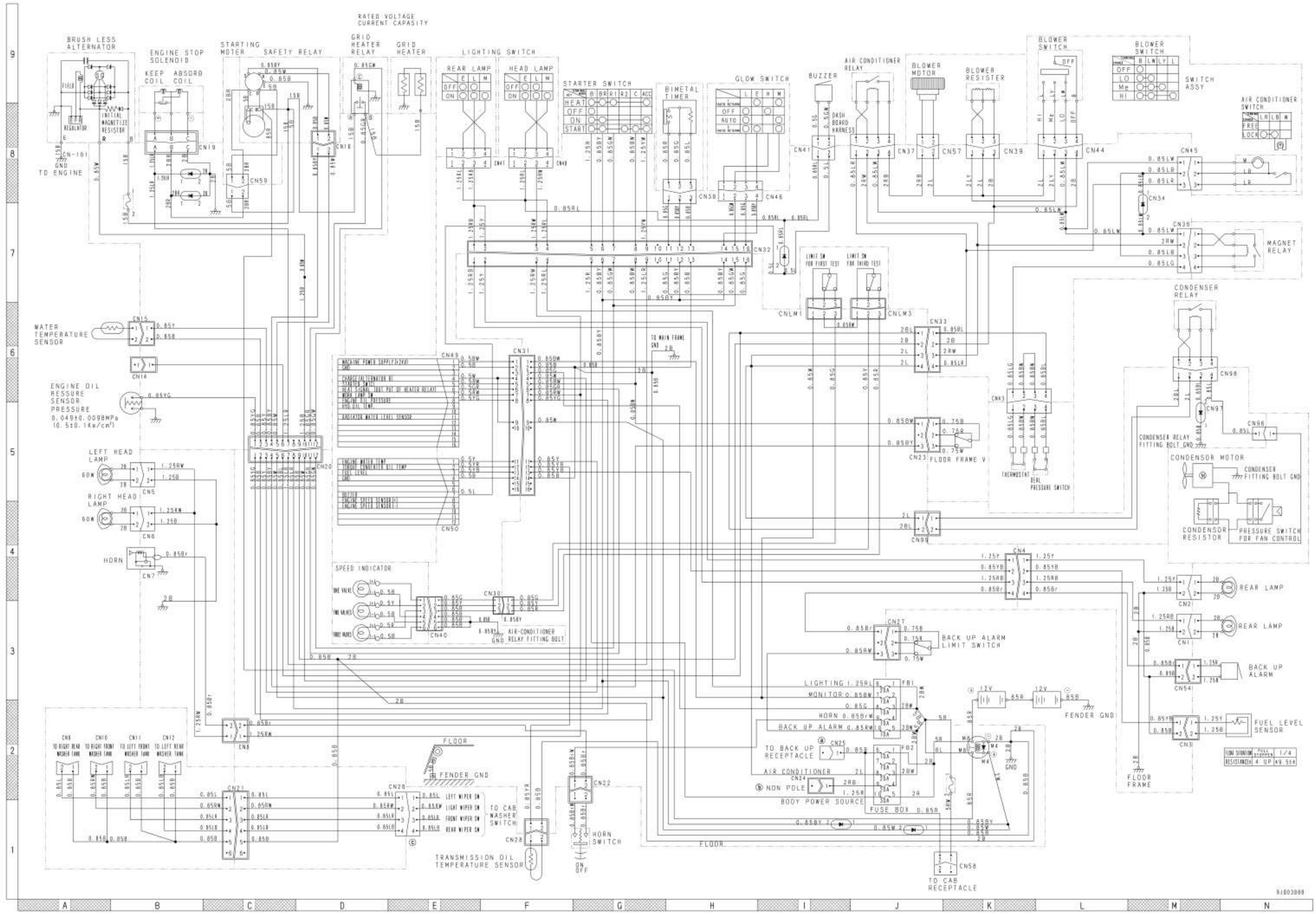
H-12 Work equipment speed is slow or lacks power

★ Check the oil level in the hydraulic tank before carrying out troubleshooting.



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Trimming dozer
Electrical circuit diagram (1/2)



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