SEN05006-13

Shop Manual

BULLDOZER

D375A-6

SERIAL NUMBERS 60001 and up

ecot3

KOMATSU®

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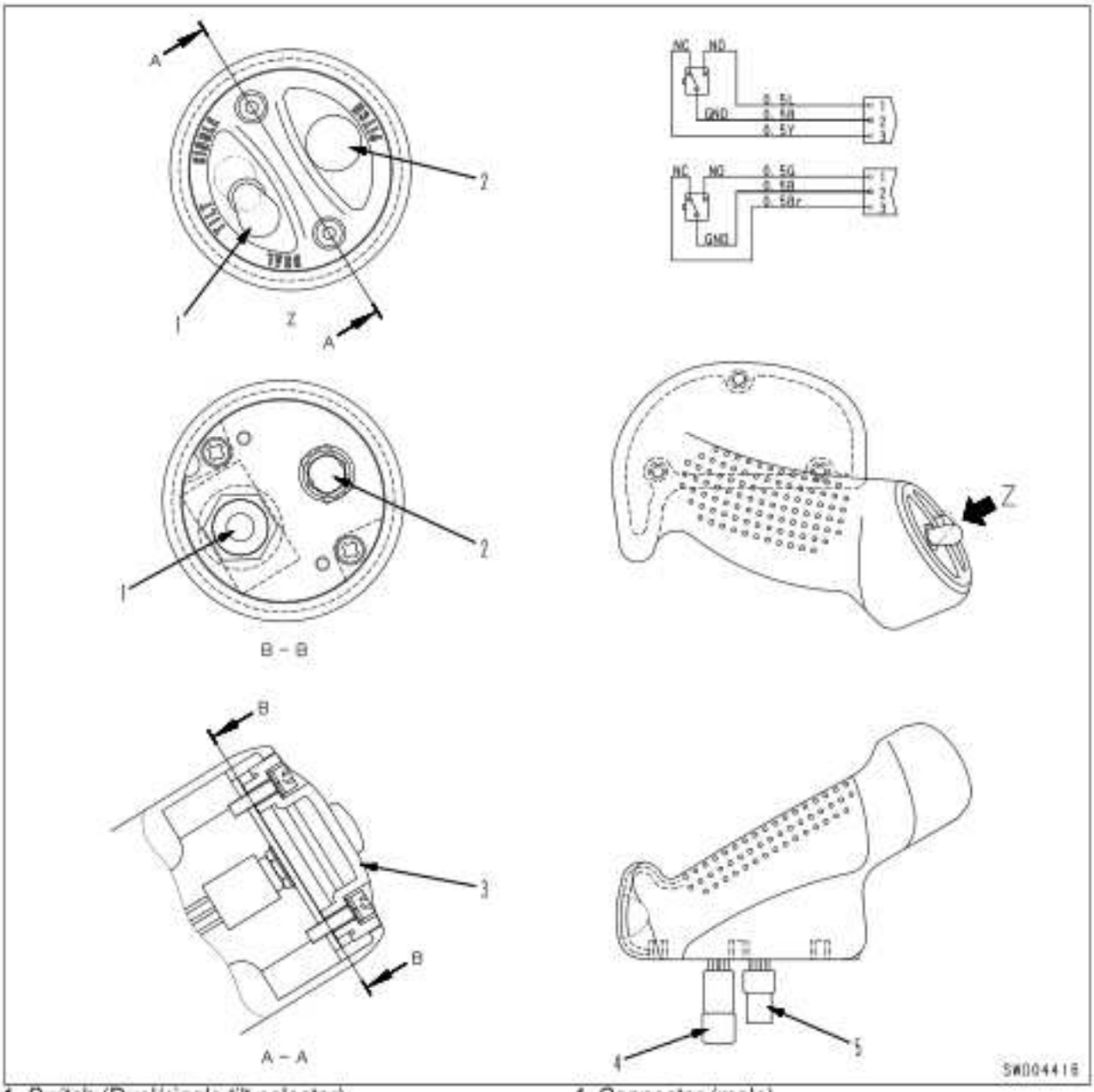
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Blade control lever (only for the machine with dual tilt specification)



1. Switch (Dual/single tilt selector)
2. Switch (pitch)
3. Cover
4. Connector (male)
5. Connector (female)

Outline

- The blade is raised, lowered, and tilted to the right or left respectively by moving the blade control lever forward and backward or to the right or left.Dual tilt operation can be performed by moving the lever to the right and left with switch (1) set to the "DUAL" position.Pitch operation can also be performed by moving the lever to the right and left with switch (2) being pressed.
- When the lever is operated with switch (2) being pressed, the blade pitches.When the lever is moved to the left, the blade pitches backward, and when moved to the right, the blade pitches forward.
- When the switch (1) is set to the "DUAL" position and the lever is operated, the blade is dual tilted.When the lever is moved to the left, the blade is dual tilted to the left. When the lever is moved to the right, the blade is dual tilted to the right.
- Even when switch (1) is set to either "DUAL" or "SINGLE" position, if the lever is moved to the right or left with the switch (2) kept pressed, the blade pitches.

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Failure code [CA757] All Continuous Data Lost Error

Action code	Failure code	Failure	All engine controller data lost error (Engine controller system)
E04	CA757		
Detail of failure	• All data in engine controller are lost.		
Action of controller			
Problem on machine	• Engine continues running, but it may stop during operations or may not restart once it is in stopped.		
Related information	• Method of reproducing failure code: Turn starting switch ON.		

Cause	Procedure, measuring location, criteria and remarks
Perform troubleshooting for failure code [CA111].	

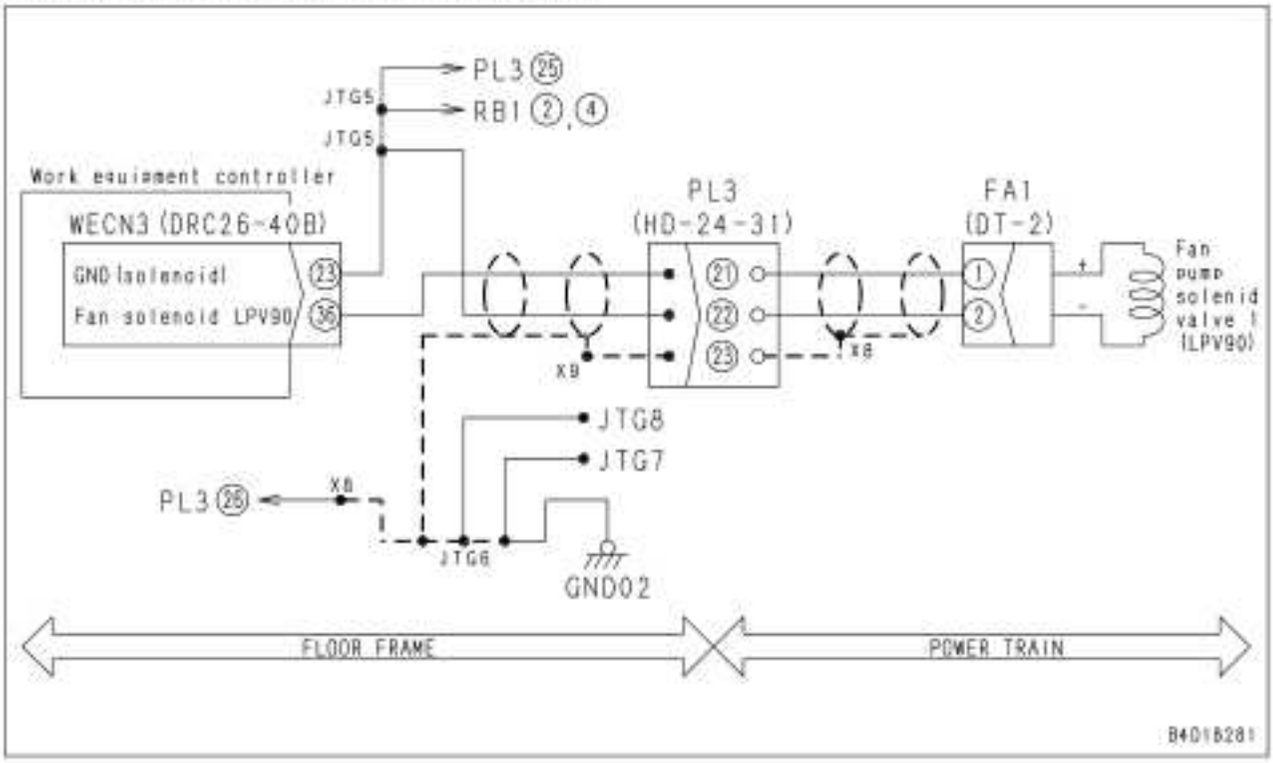
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Failure code [DWN5KB] Fan pump solenoid 1: Short circuit

Action code	Failure code	Failure	Fan pump solenoid 1: Short circuit (Work equipment controller system)
E01	DWN5KB		
Detail of failure	• When power was output to fan pump control solenoid 1 (LPV90)circuit, abnormal current flowed.		
Action of controller	• Stops output to fan pump control solenoid 1 (LPV90) circuit.		
Problem on machine	• Output of fan pump solenoid 1 (LPV90) is always at maximum speed.		
Related information	• Output condition to fan pump control solenoid 1 can be checked with monitoring function. (Code: 31624 Fan pump Solenoid (F/B)) • Method of reproducing failure code: Turn starting switch to ON position.		

	Cause	Procedure, measuring location, criteria and remarks		
1	Defective fan pump control solenoid 1 (Internal disconnection)	1. Turn starting switch to OFF position. 2. Disconnect connector FA1 and connect T-adapter to male side.		
		Between FA1 (male) (1) and (2)	Resistance	2 – 12 Ω
		Between FA1 (female) (1) and ground	Resistance	Min. 1 MΩ
2	Ground fault of wiring harness (Contact with ground circuit)	1. Turn starting switch to OFF position. 2. Disconnect connector WECN3 and FA1, and connect T-adapter to female side of either of them.		
		Between WECN3 (female) (36) or FA1 (female) (1) and ground	Resistance	Min. 1 MΩ
3	Short circuit in wiring harness	1. Turn starting switch to OFF position. 2. Disconnect connector WECN3 and FA1, and connect T-adapter to female side of either of them.		
		Between WECN3 (female) (36) and (23) or between FA1 (female) (1) and (2)	Resistance	Min. 1 MΩ
4	Defective work equipment controller	If cause is not found by the above checks, work equipment controller may be defective. (Since failure is in it, troubleshooting cannot be performed.)		

Circuit diagram related to fan pump solenoid 1

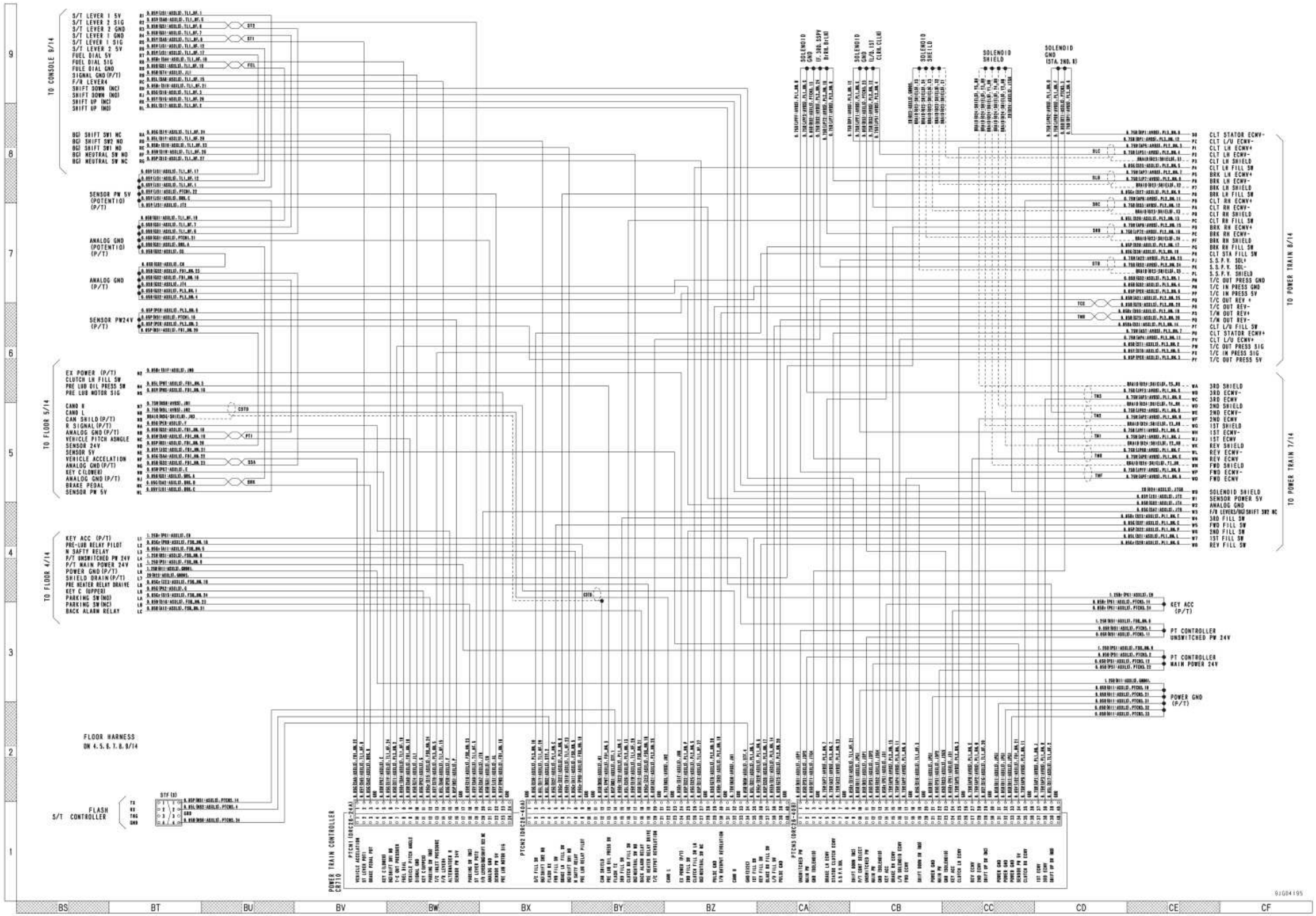


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Electrical circuit diagram (6/14)

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★ This figure covers the equipment and devices that are unavailable as optional items in some areas.



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