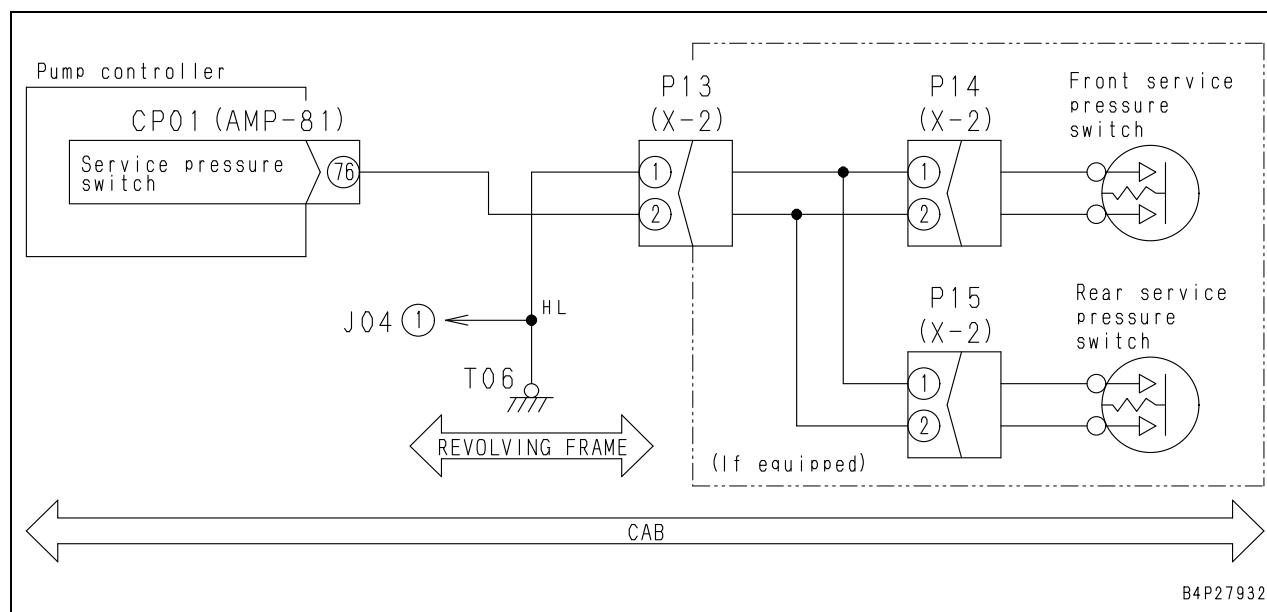


Cause		Procedure, measuring location, criteria and remarks		
4	Open circuit in wiring harness (wire breakage or defective contact of connector)	1. Turn starting switch to OFF position. 2. Disconnect connectors CP01, P14, and P15, and connect T-adapters to each female side.		
		Between CP01(female) (76) and P14(female) (2)	Resistance	Max. 1 Ω
		Between CP01(female) (76) and P15(female) (2)	Resistance	Max. 1 Ω
		Between P14 (female) (1) and ground (T06)	Resistance	Max. 1 Ω
5	Ground fault in wiring harness (contact with ground circuit)	1. Turn starting switch to OFF position. 2. Disconnect connectors CP01, P14, and P15, and connect T-adapters to either female side.		
		Between ground CP01 (female) (76), P14 (female) (2) or P15 (female) (2)	Resistance	Min. 1 MΩ
6	Short circuit in wiring harness	1. Turn starting switch to OFF position. 2. Disconnect connectors P14 and P15, and connect T-adapters to either female side. 3. Turn starting switch to ON position.		
		Between P14 (female) (2) and ground, or between P15 (female) (2) and ground	Voltage	Approx. 7 V
7	Defective pump controller	If no failure is found by above checks, pump controller is defective. (Since this is an internal defect, troubleshooting cannot be performed.)		

Note 1: If "Service" operation signal displayed on monitoring screen is "OFF" while voltage between CP01 (76) and ground is below 1 V, pump controller is defective.

Note 2: If "Service" operation signal displayed on monitoring screen is "ON" while voltage between CP01 (76) and ground is approximately 7 V, pump controller is defective.

Circuit diagram related to attachment control pedal PPC oil pressure switch (service pressure switch)



E-37 Attachment hydraulic circuit cannot be changed

Failure	<ul style="list-style-type: none"> Attachment circuit is not changed 1) When working mode P or E is selected, crusher circuit (two-way circuit) is not selected. 2) When working mode B is selected, breaker circuit (one-way circuit) is not selected.
Related information	<ul style="list-style-type: none"> Failures (open circuit, short circuit) of attachment oil return selector solenoid are troubleshot for failure codes [DWA2KA] and [DWA2KB].

Cause		Procedure, measuring location, criteria and remarks		
1	Defective attachment oil return selector solenoid (internal short circuit)	1. Turn starting switch to OFF position. 2. Disconnect connector V06 and connect T-adapter to male side.		
		Between V07 (male) (1) and (2)	Resistance	20 to 60 Ω
		Between V07 (male) (2) and ground	Resistance	Min. 1 MΩ
2	Hot short circuit in wiring harness	1. Turn starting switch to OFF position. 2. Disconnect connector V06 and connect T-adapters to female side. 3. Turn starting switch to ON position.		
		Between V07 (female) (2) and ground	Voltage	Max. 3 V

Circuit diagram related to attachment oil return selector solenoid