CEBM000200

Shop Manual

KOMATSU®

WA420-3

WHEEL LOADER

SERIAL NUMBERS **WA420-3LE - A30001** and up

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November 1996

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01 GENERAL

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SPECIFICATIONS 01-3

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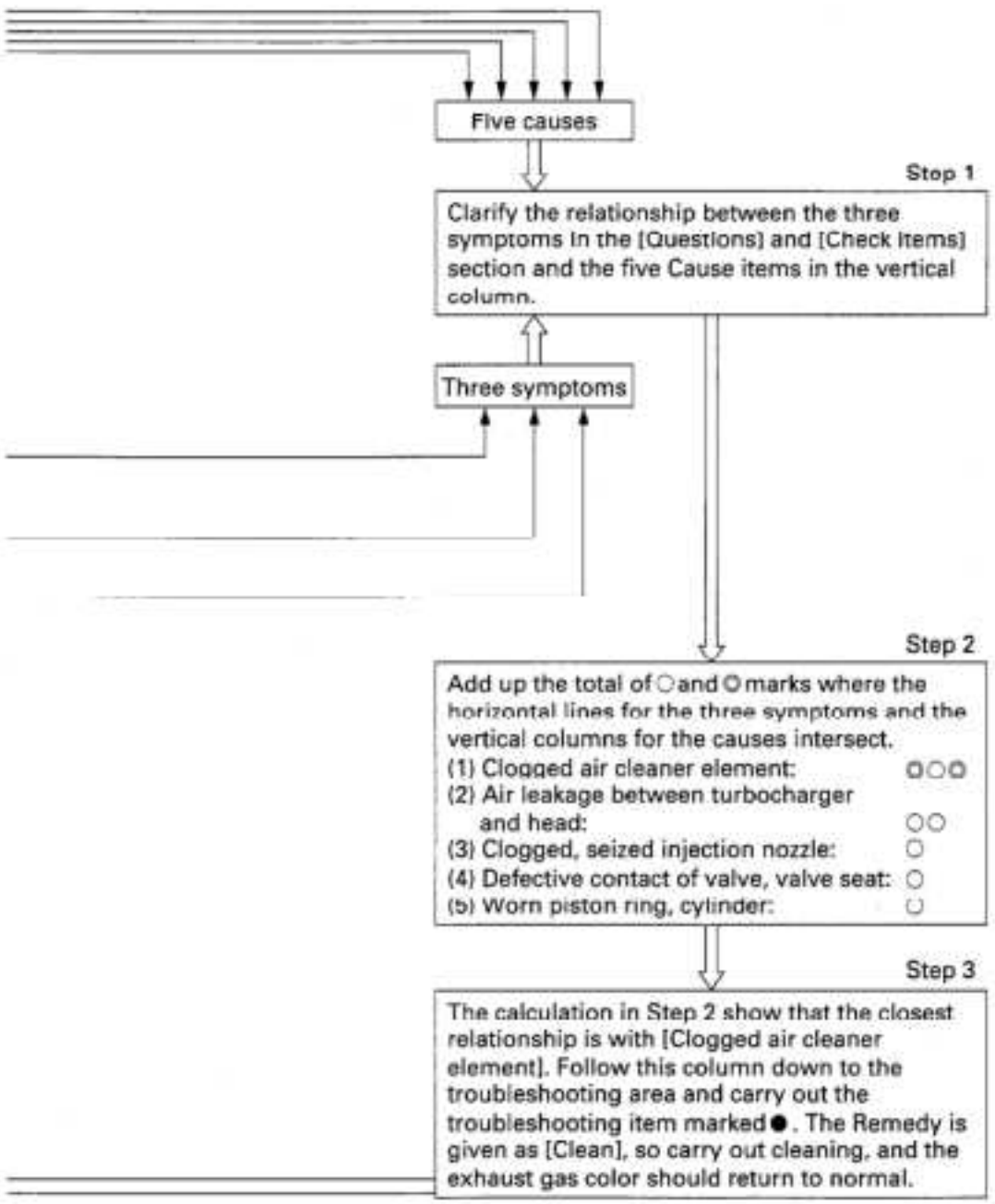
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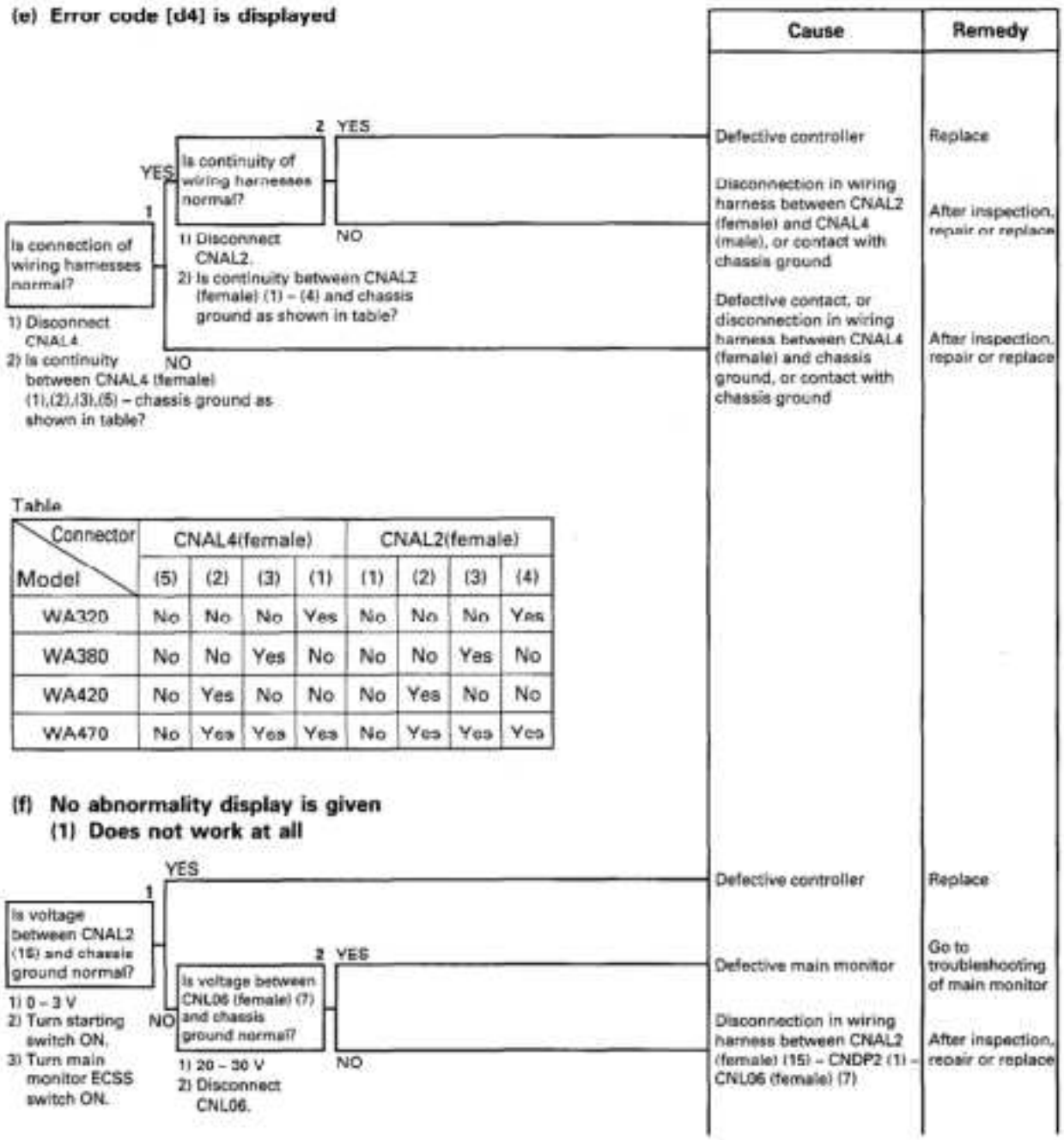
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(e) Error code [d4] is displayed



Table

Connector / Model	CNAL4(female)				CNAL2(female)			
	(5)	(2)	(3)	(1)	(1)	(2)	(3)	(4)
WA320	No	No	No	Yes	No	No	No	Yes
WA380	No	No	Yes	No	No	No	Yes	No
WA420	No	Yes	No	No	No	Yes	No	No
WA470	No	Yes	Yes	Yes	No	Yes	Yes	Yes

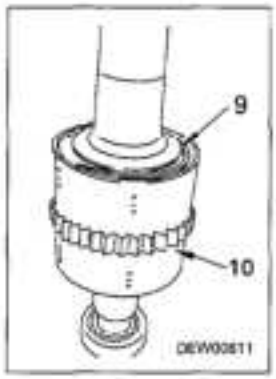
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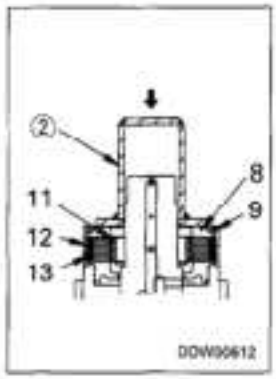
(f) No abnormality display is given

(1) Does not work at all

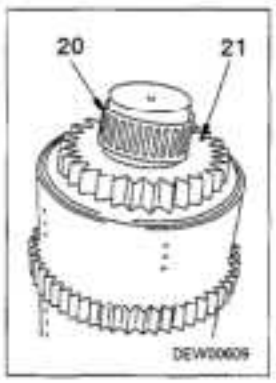
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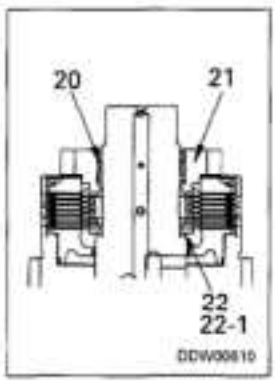
3) End plate
Assemble end plate (8) to clutch case (10), then push with tool ②, and secure with snap ring (9).



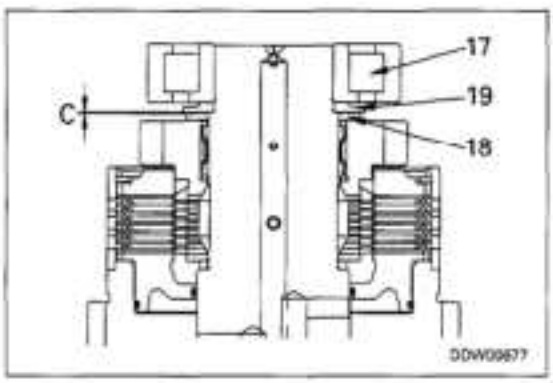


4) Needle bearing, 1st gear
i) Assemble spacer (22-1) and thrust washer (22) inside clutch case in order.
★ Before assembling the spacer, warm it up at 80°C – 120°C for 80 minutes.
Thrust washer (7): **Oil (EO10-CD)**
ii) Install 1st gear (21) to shaft, and assemble needle bearing (20).





5) Bearing, thrust washer
i) Assemble thrust washer (18) and spacer (19) to shaft in order.
★ Before assembling bearing (17) and spacer (19), warm them up at 80°C – 120°C for 80 minutes.
★ When press fitting the bearing, check that there is no clearance.
Thrust washer (3): **Oil (EO10-CD)**
ii) Press fit bearing (17) to shaft.
★ After press fitting the bearing, check the dimension of clearance **C** between spacer (19) and thrust washer (18).
★ **C**: 0.14 – 1.36 mm (1st clutch end)



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FOLDOUT 10-150
ELECTRIC CIRCUIT DIAGRAM (1/4)

