



Kubota

Bulletin No :
CM-23-045-01-KEEN
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Ref.PB No :

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SUBJECT :
FUEL CAP VENTILATION FAILURE

MODEL : KX060-5, U56-5, AND U50-5

AFFECTED SERIAL NUMBER : KX060-5 ; UP TO 14644, U56-5 ; UP TO 14542, U50-5 ; UP TO 13218

AFFECTED COUNTRY : KE, KUK, AND KBD

REASON FOR ISSUE :

Cases are reported that the fuel tank collapsed and consequently the fuel sensor contacted the fuel tank resulting in wrong fuel level indication.

The investigation revealed that the installed packing in the fuel cap was missing the ventilation hole.

We herewith inform you of the measure to be taken in such failure cases.

Wrong



Correct



PARTS INFORMATION :

No.	Parts No.	Parts Name	Q'ty	Remarks
1	3C081-04290	CAP, FUEL	1	-
2	RD451-51140	SENSOR, FUEL	1	-
3	RD378-51110	TANK, FUEL	1	KX057-5, KX060-5 without refueling pump
	RD379-51110	TANK, FUEL		KX060-5 with refueling pump

☒ **WARRANTY INFORMATION**

- ☐ Mandatory Campaign : Allowable Man-hours ;
- ☒ Technical Bulletin : Allowable Man-hours ; 2.5 hrs.
- Expiration date : 5 years from machine retail date or 500 hrs.
- ☐ Quality Related Information

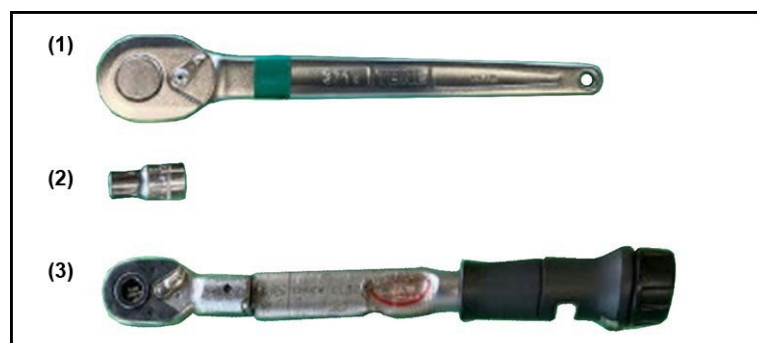
☐ **SERVICE INFORMATION**

REPAIR PROCEDURE

Required tools

No.	Tool Name	Remarks
1	Ratchet wrench	
2	8 mm socket	
3	Torque wrench	Required torque: 3.0 to 4.0 N·m

Photo of tools

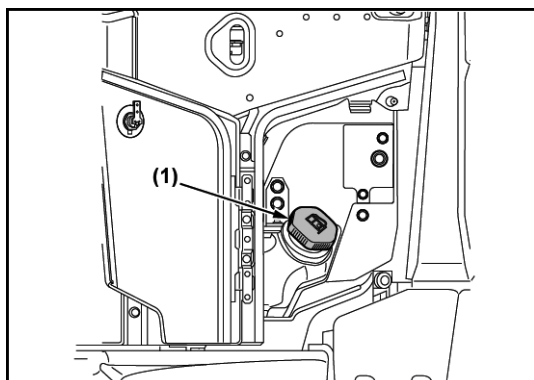


WARNING

To avoid personal injury or death:

- Park the machine on a firm and level ground.
- Lower the bucket to the ground.
- Set all controls in their neutral positions.
- Release all residual pressure of the hydraulic system.
- Stop the engine. Remove the key from the ignition.
- The engine, hydraulic components and coolants can be hot.
Wait until all the components are cooled down sufficiently to avoid burns.
- Do not open the radiator cap soon after the engine has stopped. There is a possibility of serious burn injury due to the coolant blowing out from the radiator.
- Clean the work area and the machine.
- Disconnect the battery negative cable.
- Hang a "DO NOT OPERATE" tag on the operator station.
- Put on working clothes and personal protective equipment.
- Read all instructions and safety instructions in this bulletin and safety labels on your machine.
- Follow the local safety regulations and/or laws in your country.
- If you are working with other people, make sure that your signals and communications are fully understandable for additional safety.

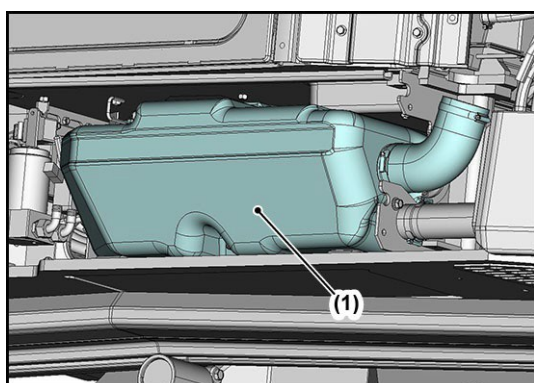
1. Replacing the fuel cap



1. Replace the fuel cap (1).

(1) Fuel cap (3C081-04290)

2. Removing the fuel tank



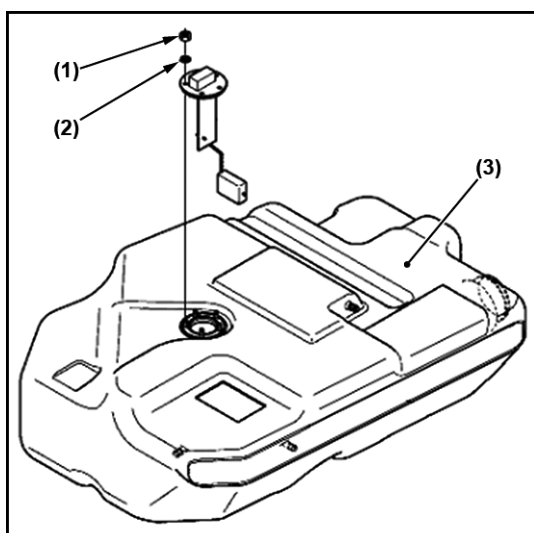
1. Remove the fuel tank (1) according to the machine WSM.

■ **NOTE**

- Chapter 5. ENGINE > SERVICING
- > 4. Repairing > 4.1 Fuel hose and tank
- > 4.1.1 Removing and installing the fuel tank
- Removing steps 2, 3, 4, 5, 6, 7, 8, 9, 10 can be skipped for KX057-5.
- Removing steps 2, 3, 4, 5, 6 can be skipped for U55-5 and U48-5.

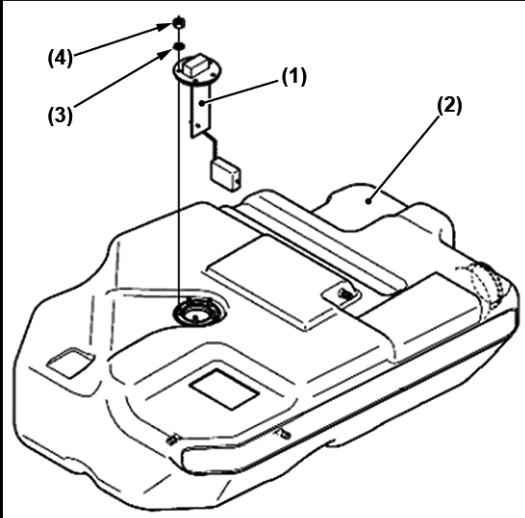
(1) Fuel tank

3. Replacing the fuel sensor



1. Remove the nuts (1) and the spring washers (2) from the removed fuel tank (3).

- (1) Nut x5 (Reuse)
 (2) Spring washer x5 (Reuse)
 (3) Fuel tank



2. Install the new fuel sensor (1) in the new fuel tank (2) with the spring washers (3) and nuts (4).

Tightening torque	Nut	3.0 to 4.0 N·m 0.3 to 0.4 kgf·m 2.2 to 3.0 lbf·ft
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(1) Fuel sensor (RD451-51140)
(2) Fuel tank (RD378-51110, RD379-51110, or RD579-51110)
(3) Spring washer x5
(4) Nut x5

4. Reassembling

	1. Reassemble the fuel tank in the reverse order of the disassembling procedure.
	2. Start the engine and check for any fuel leakage and the fuel sensor function.