



Kubota

Bulletin No :
CM-23-017-01-KEEN
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 Ref.PB No :

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Kubota Europe S.A.S

SUBJECT :
NOISE FROM DPF MUFFLER COVER

MODEL : KX080-4, KX080-4A, KX080-4A2

**AFFECTED SERIAL NUMBER : KX080-4 ; ALL, KX080-4A ; ALL,
 KX080-4A2 ; FROM 70001 TO 79905,**

AFFECTED COUNTRY : KUK, KBD, AND KE

REASON FOR ISSUE :

Cases of noise coming from DPF muffler cover have been reported. Investigation revealed that there was a crack on the DPF muffler cover. We herewith inform you about the measure to take in such failure case.

PARTS INFORMATION :

No.	Parts No.	Parts Name	Q'ty	Remarks
1	RD829-42953	COVER, MUFFLER	1	
2	RD829-41022	BRACKET (MUFFLER)	1	
3	RD839-42422	BRACKET (MUFFLER)	1	
4	RD829-42962	INSULATION, HEAT	1	
5	01135-51025	BOLT, W SEMS	2	
6	01133-51020	BOLT, SEMS	1	
7	04015-50100	WASHER, PLAIN	1	
8	02771-50100	NUT, FLANGE	4	
9	1J770-12230	GASKET (MUFFLER)	1	

☒ **WARRANTY INFORMATION**

- ☐ Mandatory Campaign : Allowable Man-hours ;
☒ Technical Bulletin : Allowable Man-hours ; 4.25 hrs.
 Expiration date : 5 years from machine retail date
☐ Quality Related Information

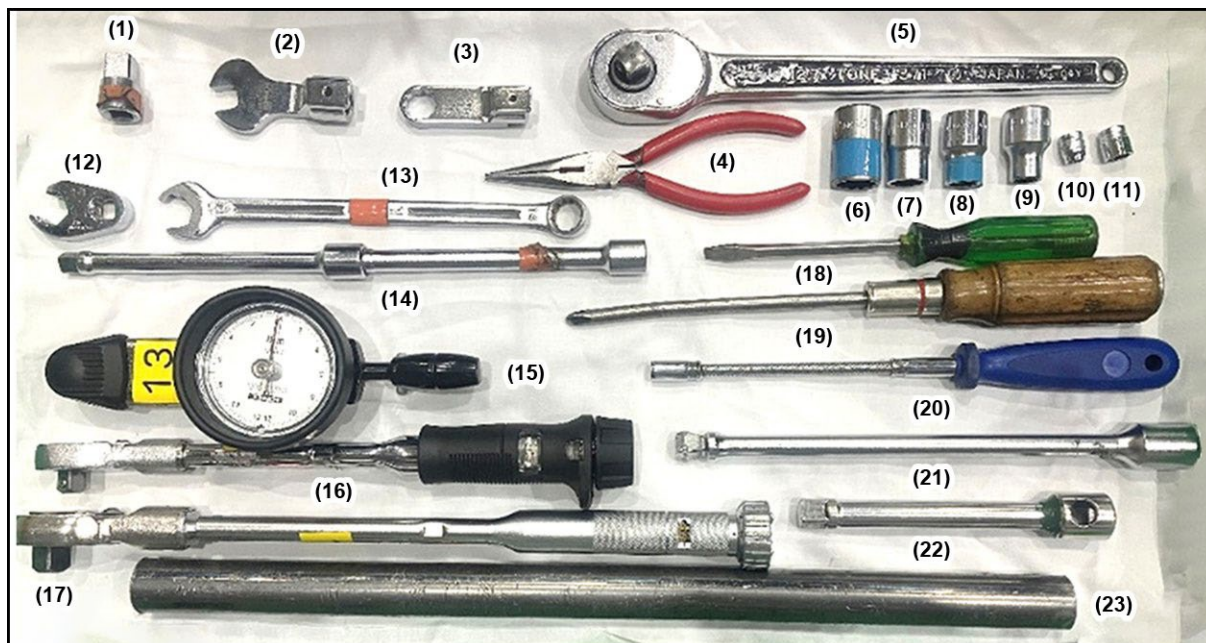
☐ **SERVICE INFORMATION**

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Required tools

No.	Tool Name	Remarks
1	Socket adapter	
2	12 mm spanner socket	
3	14 mm ring spanner socket	
4	Long nose pliers	
5	Ratchet wrench	
6	17 mm socket	
7	14 mm socket	
8	12 mm socket	
9	10 mm socket	
10	7 mm socket	
11	10 mm socket	
12	14 mm spanner socket adapter	
13	14 mm spanner	
14	Extension bar (300 mm)	
15	Torque wrench	Required torque: 0 to 12 N·m
16	Torque wrench	Required torque: 10 to 50 N·m
17	Torque wrench	Required torque: 20 to 90 N·m
18	Flathead screwdriver	
19	Phillips head screwdriver	
20	Socket screwdriver (8 mm)	
21	Wobble extension bar (250 mm)	
22	Extension bar (150 mm)	
23	Extension pipe	

Photo of tools

WARNING

To avoid personal injury or death:

- Park the machine on a firm and level ground.
- Lower the bucket/attachment 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.
- 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.

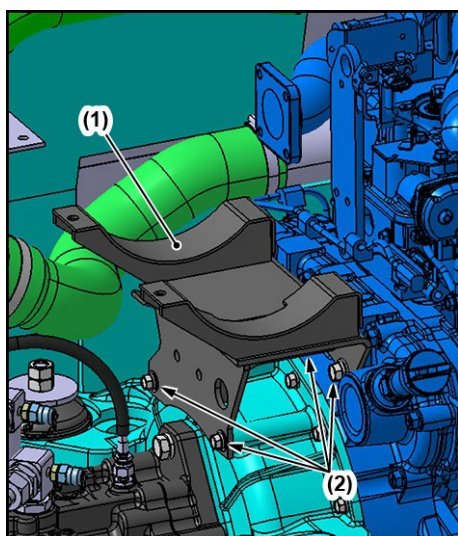
1. Remove the DPF muffler and the DPF related parts

1. Remove the cover-related parts ,the air cleaner, the DPF muffler, the drain pipe, the sensor, the harness bracket and the DPF bracket according to the WSM, [5] ASSEMBLY/DISASSEMBLY OF ENGINE RELATED COMPONENTS (1) DPF Muffler 1. 2. 3. 4. 5. 6.

■ NOTE

- All the parts except the parts stated in Parts Information will be reused.

2. Install the DPF bracket

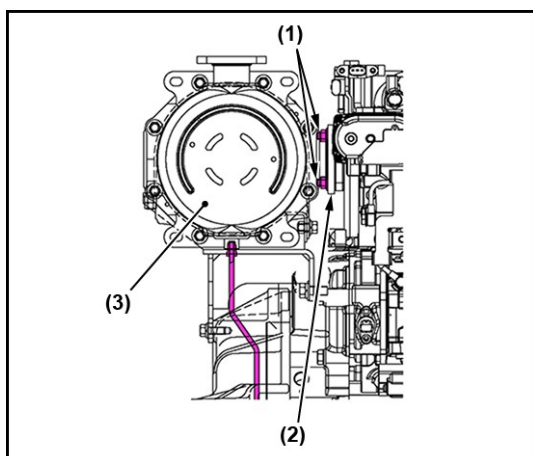


1. Install the DPF bracket (1) with the bolts (2).

Tightening torque	Bolt (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft
Tightening torque	Bolt (M12)	77.5 to 90.2 N·m 7.9 to 9.2 kgf·m 57.2 to 66.5 lbf·ft

- (1) DPF bracket (RD839-42422)
(2) Bolt x 4

3. Reassemble the DPF related parts removed before

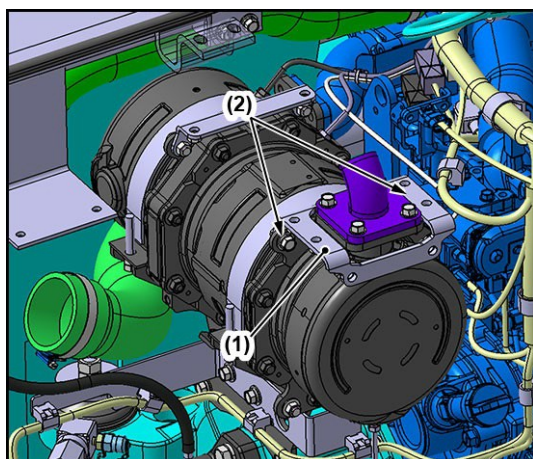


1. Reassemble the DPF muffler, the drain pipe, the sensor and the harness bracket which were removed on step 1.2 according to the WSM, [5] ASSEMBLY/DISASSEMBLY OF ENGINE RELATED COMPONENTS (1) DPF Muffler 3. 4. 5. 6.

Tightening torque	Nut (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft
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- (1) Nut x 4 (02771-50100)
(2) Gasket (1J770-12230)
(3) DPF muffler

4. Install the DPF muffler bracket

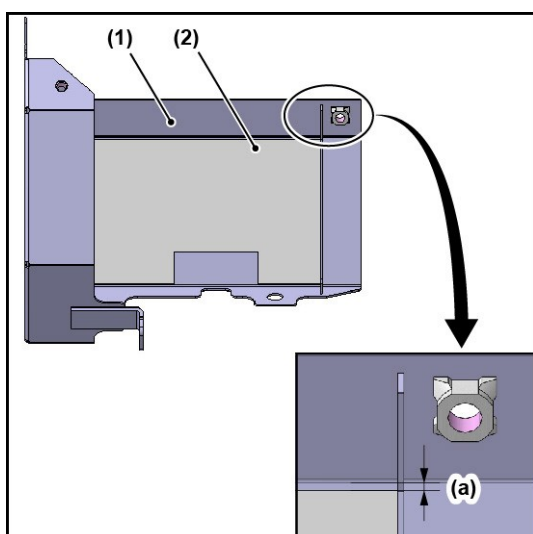


1. Install the DPF muffler bracket (1) with the bolts (2).

Tightening torque	Bolt (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft
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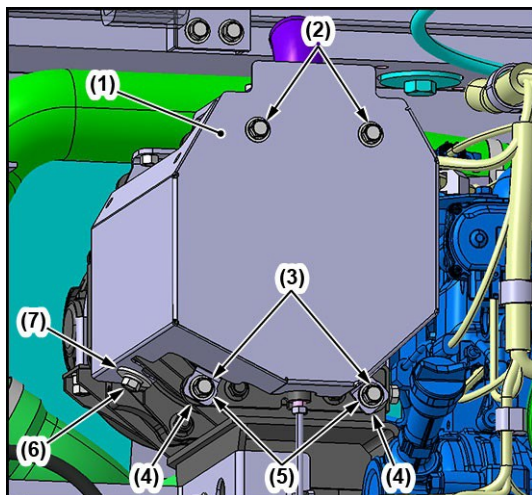
- (1) DPF muffler bracket (RD829-41022)
(2) Bolt x 2

5. Install the DPF muffler cover



1. Install the heat insulation (2) to the DPF muffler cover (1).

- (1) DPF muffler cover (RD829-42953)
(2) Heat insulation (RD829-42962)
(a) **Clearance 3mm**



2. Install the DPF muffler cover (1) with the bolts (2), (3), (6), the nuts (4) and the washers (5), (7).

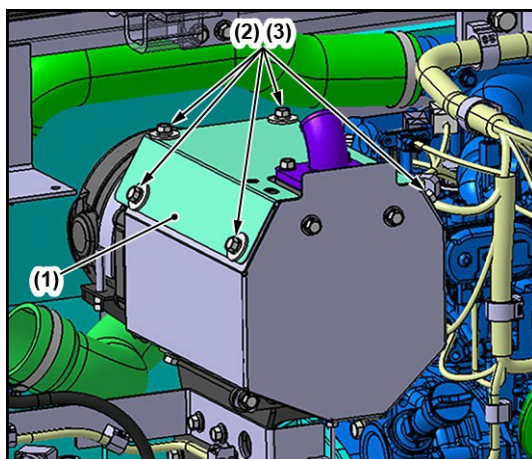
■ **IMPORTANT**

- **Tighten in the following sequence:**
the bolt (2) → the bolt (3) → the bolt (6).

Tightening torque	Bolt (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft
Tightening torque	Nut (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft

- (1) DPF muffler cover
- (2) Bolt x 2 (01135-51025)
- (3) Bolt x 2
- (4) Nut x 2
- (5) Washer x 2
- (6) Bolt (01133-51020)
- (7) Washer (04015-50100)

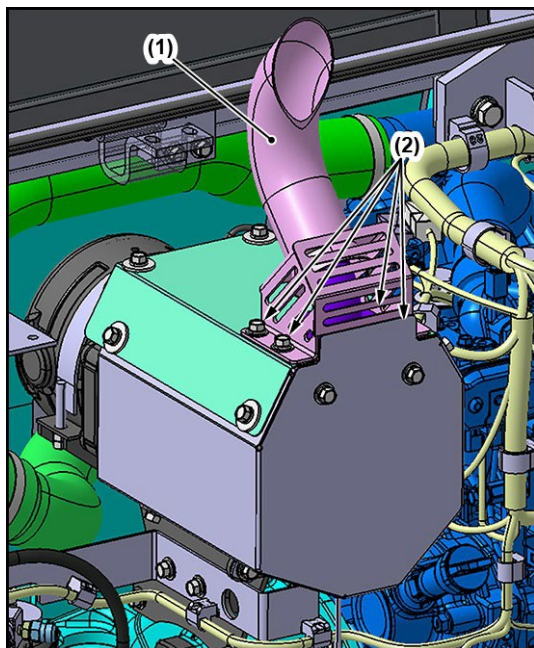
6. Install the DPF muffler cover and exhaust pipe



1. Install the DPF muffler cover (1) with the bolts (2) and the washers (3).

Tightening torque	Bolt (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft
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- (1) DPF muffler cover
- (2) Bolt x 5
- (3) Washer x 5



2. Install the exhaust pipe (1) with the bolts (2).

Tightening torque	Bolt (M10)	48.1 to 55.9 N·m 4.9 to 5.7 kgf·m 35.5 to 41.2 lbf·ft
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- (1) Exhaust pipe
(2) Bolt × 4

7. Reassemble the air cleaner and the covers

1. Reassemble the air cleaner and the cover-related parts which had been removed in step 1-1 according to the WSM,
[5] ASSEMBLY/DISASSEMBLY OF ENGINE
RELATED COMPONENTS (1) DPF Muffler 1.