

Argenteuil, 01.03.2018

SERVICE – BULLETIN

Reference-N°: KE-KC-1801

KC250HR-4 Lower track rollers fixation update

Affected distributors:

- ☒ KBD
- ☒ KE
- ☐ KUK

Classification:

- ☐ 1. Information
- ☐ 2. Fix on a failure basis
- ☒ 3. Recommended product improvement
- ☐ 4. Mandatory campaign

Model	Serial N°
KC250HR-4	See serial numbers at the end of this bulletin

A. Subject

Starting from serial number 1ARK3, lower rollers fixation system has been modified to avoid shaft rotation. The cause of the shaft rotation in most of the cases is due to machine overload, which may reduce roller speed rotation, in this case the friction between roller shaft and machine chassis might be not sufficient to avoid shaft rotation, with the result of roller failure and if this situation persist for long time also shaft seat wearin out.

The update consist of the replacement of the external support plate for floating rollers, and the installation of a special washer on the fixed rollers. The application of this bulletin will avoid shaft rotation increasing rollers reliability.

Reminding that this is not a warrantable issue, we ask to apply the following instruction at the first maintenance occasion, since no mileage cost will be reimbursed, but not later than 30/09/2018.

B. Service information

⚠ WARNING:

To avoid personal injury:

- Park the machine on flat and level ground.
- Stop the engine and remove starter key.
- Use working cloths and personal protective equipment to avoid personal injury.
- Follow strictly local safety directives in your country.

Machine lifting precaution:

Carefully lift up the machine, as indicated into operator's manual, paragraph 5.12 (below the extract of the pages for reference).

Lift up the machine about 100 mm off the ground (just to release machine weight from rollers) and put four supports just beneath the lifting point capable of withstanding machine weight (2700 kg), maintaining the lifting tensioned.

5.12 LIFTING THE MACHINE

⚠ CAUTION

To properly lift the machine, make sure the following safe conditions apply:

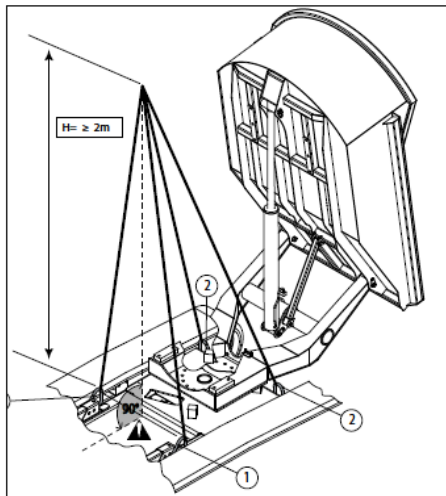
- Machine positioned on a horizontal plane;
- No one at the driver's seat while the machine is being lifted;
- Check that no one is stationing in the area;
- Use cables and fixing systems that are sufficiently resistant to support the weight of the machine;
- Pay special attention to any sharp corners that could tear the lifting cable and protect it suitably;
- Comply with the applicable standards and norms of good practice in choosing the right lifting systems, cables, fixing systems, etc. and when performing lifting tasks;
- Prepare an operating plan for the lifting tasks, meticulously analysing the risks;
- Remove any load/object from inside the skip;
- Fully open the skip (ref. par. 4.3.3) and lock it tight using the "Skip cylinder lock" (ref. par. 2.5.2);
- Lock the skip control levers using the "Skip control lock" (ref. par. 2.5.1);
- Harness the lifting systems as shown in the figure below.

⚠ CAUTION

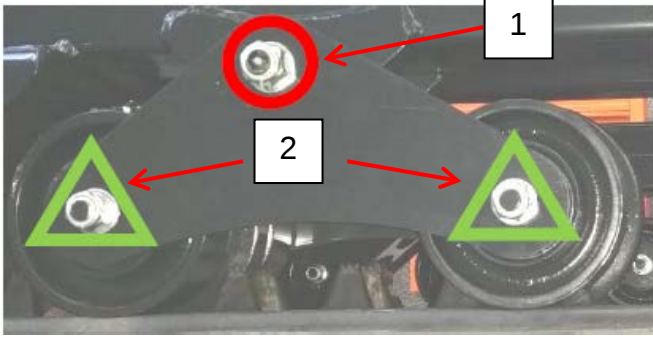
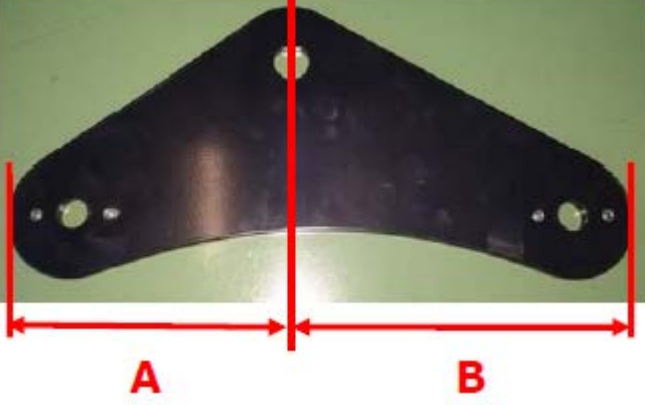
It is essential that the lifting systems connected to the lifting points (1) are at a 90° angle compared to the machine's longitudinal axle (see figure below).

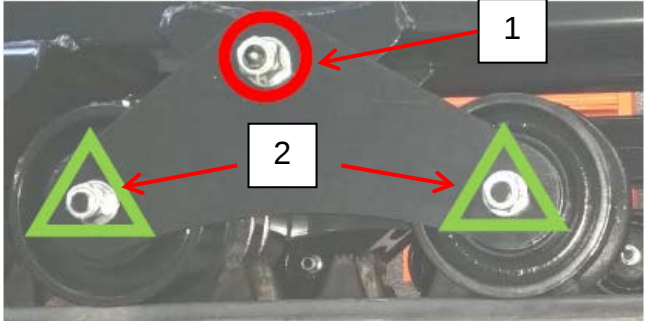
LIFTING POINTS

There are four lifting points on the dumper, two at the front (position 1 in the figure) and two at the back (position 2 in the figure). They are identified by this symbol:



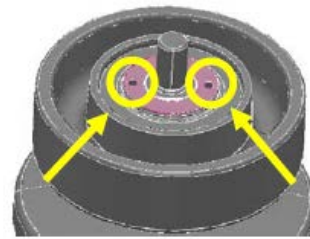
The ropes and structure must both comply with the applicable standards.

<u>Step 1:</u> Remove nut (1) and (2) from the floating roller plate.	
<u>Step 2:</u> Remove floating support plate from chassis.	
<u>Step 3:</u> Install floating roller plate support equipped with holes for pins. <u>Attention:</u> floating roller plate is not symmetric, longest side has to be fitted towards the internal undercarriage side (towards other floating rollers group). A: shortest plate side B: longest plate side	
<u>Step 4:</u> Align plate holes with roller holes	

<u>Step 5:</u> Install elastic pins between plate and rollers (two pins for each roller).	
<u>Step 6:</u> Install nut and tighteh on the floating plate applying Loctite 243 on thread. Tightening torque nut (1): 200 Nm Tightening torque nut (2): 200 Nm	
<u>Step 7:</u> Repeat Step 1 to 6 for other three floating roller groups on machine.	
<u>Step 8:</u> Remove nuts from fixed lower rollers.	

Step 9:

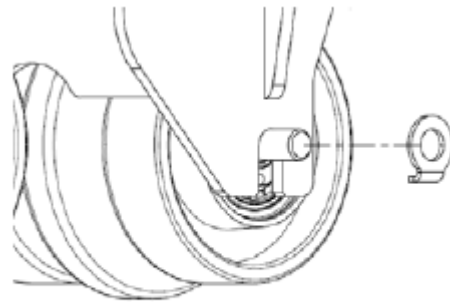
Install adapter washer as shown below.
Washer pin has to be located inside one roller hole.



Roller holes



Adapter washer

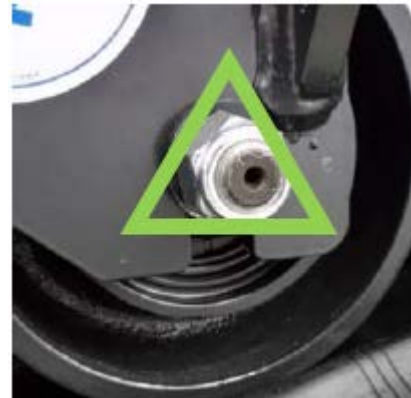


Adapter washer installation

Step 10:

Tight nut of fixed roller, applying Loctite 243 on thread.

Tightening torque: 200 Nm

**Step 11:**

Repeat Step 9 to 10 for other three fixed rollers.

C. Parts information

Part number	Description	Q.ty
W21CSH1225	Lower roller update kit	1
W21CSH1181 (included in the kit)	Floating roller support plate	4
W21CSH1226 (included in the kit)	Adapter washer	4
W21CSH0964 (included in the kit)	Elastic pin	16

D. Warranty information

Conditions:

Part: Yes
Labour: 3 hours
Mileage: No
Campaign allowance: No

E. Expiration date

This product improvement expires by: **30.09.2018**

SC	Dealer	Model	Serial number
KE	Anciens Etablissement Branger	KC250HR-4	120K3
	Anciens Etablissement Branger	KC250HR-4	121K3
	Anciens Etablissement Branger	KC250HR-4	131K3
	Anciens Etablissement Branger	KC250HR-4	152K3
	Axxel	KC250HR-4	104K3
	Bomat	KC250HR-4	114K3
	Comai	KC250HR-4	154K3
	Comar commerciale	KC250HR-4	18BK3
	Comptoir de Materiel	KC250HR-4	130K3
	Euromatec	KC250HR-4	151K3
	Euromatec	LC250HR-4	19CK3
	HTM	KC250HR-4	115K3
	Hutter Baumaschinen AG	KC250HR-4	105K3
	Hutter Baumaschinen AG	KC250HR-4	119K3
	Hutter Baumaschinen AG	KC250HR-4	158K3
	Hutter Baumaschinen AG	KC250HR-4	163K3
	Hutter Baumaschinen AG	KC250HR-4	18ZK3
	Hutter Baumaschinen AG	KC250HR-4	198K3
	Hutter Baumaschinen AG	KC250HR-4	19UK3
	Hutter Baumaschinen AG	KC250HR-4	1A7K3
	Hymax	KC250HR-4	107K3
	Hymax	KC250HR-4	108K3
	Hymax	KC250HR-4	109K3
	Hymax	KC250HR-4	110K3
	Hymax	KC250HR-4	111K3
	Hymax	KC250HR-4	124K3
	Hymax	KC250HR-4	125K3
	Hymax	KC250HR-4	126K3
	Hymax	KC250HR-4	132K3
	Hymax	KC250HR-4	135K3
	Hymax	KC250HR-4	140K3
	Hymax	KC250HR-4	143K3
	Hymax	KC250HR-4	147K3
	Hymax	KC250HR-4	148K3
	Hymax	KC250HR-4	176K3
	Hymax	KC250HR-4	177K3
	Hymax	KC250HR-4	178K3
	Hymax	KC250HR-4	179K3
	Hymax	KC250HR-4	180K3
	Hymax	KC250HR-4	189K3
	Hymax	KC250HR-4	18AK3
	Hymax	KC250HR-4	18GK3
	Hymax	KC250HR-4	18HK3

SC	Dealer	Model	Serial number
KE	Hymax	KC250HR-4	18JK3
	Hymax	KC250HR-4	192K3
	Hymax	KC250HR-4	1A3K3
	Hymax	KC250HR-4	1A4K3
	Hymax	KC250HR-4	1AAK3
	Hymax	KC250HR-4	1ABK3
	Jura-Bresse Location	KC250HR-4	129K3
	Luyckx	KC250HR-4	113K3
	Luyckx	KC250HR-4	116K3
	Luyckx	KC250HR-4	117K3
	Luyckx	KC250HR-4	118K3
	Luyckx	KC250HR-4	133K3
	Luyckx	KC250HR-4	134K3
	Luyckx	KC250HR-4	150K3
	Luyckx	KC250HR-4	155K3
	Luyckx	KC250HR-4	185K3
	Luyckx	KC250HR-4	186K3
	Luyckx	KC250HR-4	18OK3
	Luyckx	KC250HR-4	194K3
	Luyckx	KC250HR-4	195K3
	Luyckx	KC250HR-4	196K3
	Luyckx	KC250HR-4	199K3
	Luyckx	KC250HR-4	19DK3
	Luyckx	KC250HR-4	19VK3
	Maskino	KC250HR-4	18KK3
	Maskino	KC250HR-4	18XK3
	Maskino	KC250HR-4	18YK3
	Maskino	KC250HR-4	19XK3
	Maskino	KC250HR-4	1A5K3
	Maskino	KC250HR-4	1A6K3
	Maskino	KC250HR-4	1ACK3
	Massucco	KC250HR-4	18NK3
	Massucco	KC250HR-4	18PK3
	Massucco	KC250HR-4	18QK3
	Meca TP	KC250HR-4	128K3
	Meca TP	KC250HR-4	18CK3
	Meerman machines BV	KC250HR-4	106K3
	Meerman machines BV	KC250HR-4	112K3
	Meerman machines BV	KC250HR-4	127K3
	Meerman machines BV	KC250HR-4	149K3
	Meerman machines BV	KC250HR-4	156K3
	Meerman machines BV	KC250HR-4	157K3
	Meerman machines BV	KC250HR-4	165K3

SC	Dealer	Model	Serial number
	Meerman machines BV	KC250HR-4	169K3
	Meerman machines BV	KC250HR-4	170K3
	Meerman machines BV	KC250HR-4	181K3
	Meerman machines BV	KC250HR-4	182K3
	Meerman machines BV	KC250HR-4	183K3
	Meerman machines BV	KC250HR-4	184K3
	Meerman machines BV	KC250HR-4	18DK3
	Meerman machines BV	KC250HR-4	18EK3
	Meerman machines BV	KC250HR-4	18WK3
	Meerman machines BV	KC250HR-4	19PK3
	Meerman machines BV	KC250HR-4	19RK3
	Meerman machines BV	KC250HR-4	19SK3
	Meerman machines BV	KC250HR-4	19TK3
	Novem	KC250HR-4	18IK3
	OB Management	KC250HR-4	122K3
	OB Management	KC250HR-4	123K3
	OB Management	KC250HR-4	144K3
	OB Management	KC250HR-4	153K3
	OB Management	KC250HR-4	18FK3
	Philmat	KC250HR-4	19FK3
	Rey Materiel	KC250HR-4	193K3
	Soreloc	KC250HR-4	164K3
	TP Service materiel	KC250HR-4	103K3
	Val Manutention	KC250HR-4	168K3
KBD	Esch-Technik	KC250HR-4	145K3
	Esch-Technik	KC250HR-4	167K3
	Esch-Technik	KC250HR-4	175K3
	MF Baumaschinen GmbH	KC250HR-4	19WK3
	Sondermann	KC250HR-4	166K3
	STAVES S.R.O	KC250HR-4	197K3