

GJERSTAD

Sundebru MAI 2011

**Installation and maintenance
For
Hingbolter for sidumping buckets.**

Installation procedure

Parts included

Pos no 1 main pin	Part no: 5V 5866	2 pcs.
Pos no 2 collet	Part no: 8R 4268	4 pcs.
Pos no 3 sentrebolt	Part no: 031 0213	2 pcs.
Pos no 4 washer	Part no: 7V3456	4 pcs.
Pos no 5 nut	Part no: 3K9770	2 pcs.
Pos no 6 plate	Part no: DK4001134	2 pcs.
Pos no 7 screw	Part no: 8S4757	6 pcs.
Pos no 8 washer	Part no: 5P8250	6 pcs.
Pos no 9 screw	Part no: 8C8842	2 pcs.
Pos no 10 distance	Part no: 1K3478	2 pcs.
Pos no 11 extractor bolt	Part no: 5P5265	3 pcs.

1. Clean all parts involved including bracket on bucket and cradle.
2. The bucket must be rotated so it is resting on rockguard and edge. The hinge pin will then be nearly horizontal.
3. The cradle is now lifted onto the bucket with the bracket on the bucket and cradle in line.
4. The hingebracket on the bucket is now expanded by means of bolt pos 9.
5. The pins pos 1 are put in position and centered. The bolt pos 9 is loosened so the pin is kept in position.
6. Apply a thin layer of grease to all parts
7. Install upper collars pos 2.

8. Install lower collars pos 2.
 9. Enter the center pins pos 3 with washers and nuts and tighten to 1360 Nm. (136 kpm).
 10. Hit with a 3 kg hammer around the big washers..
 11. Retighten to 1360 Nm and repeat till there is no significant drop in the moment..
 12. During the hole operation the cradle must be horizontal and aligned.
 13. Remove screw pos 9 and install it together with distance pos 10. Install screws pos 7 and washers pos 8 the hingebracket on bucket and into the plate pos 6. Tighten to 600 Nm.
-

The installation is now complete.

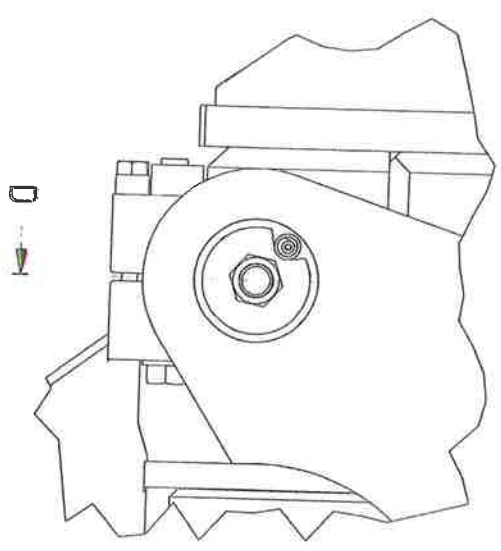
Maintenance

1. Bolts shall be retightened 50 hrs after installation and later every 300 hrs..
2. In case of damage the actual part must be replaced immediately..
3. The main pin is filled with grease, and must be lubricated daily.
4. If the loader has a central greasing system it should be extended to the side dumping bucket. Control the greasing system by seeing if superfluous grease comes out in the opposite end of the pin.

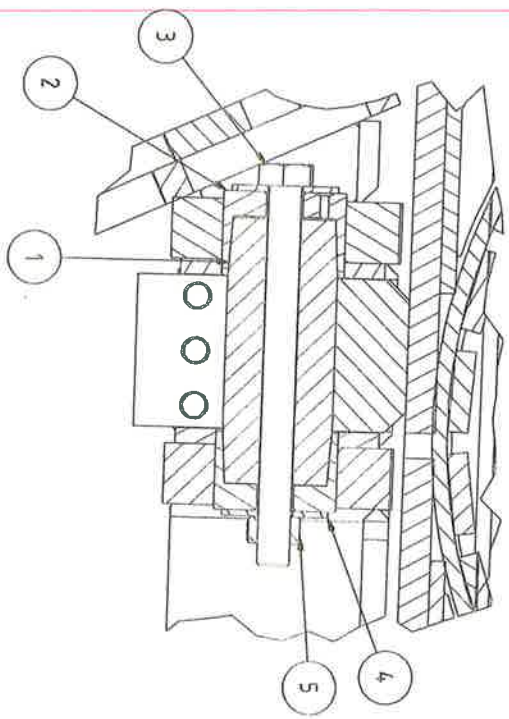
Removal

1. The bucket is placed into the same position as when mounting.
2. The center pins are removed. The collars are removed by using screw pos 11. Pos 9 is used to loosen the pin.

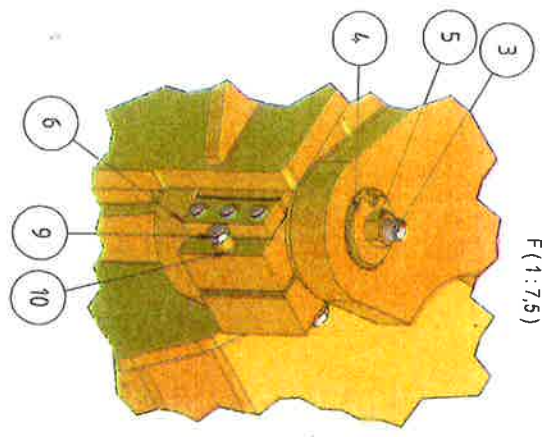
C (1:5)



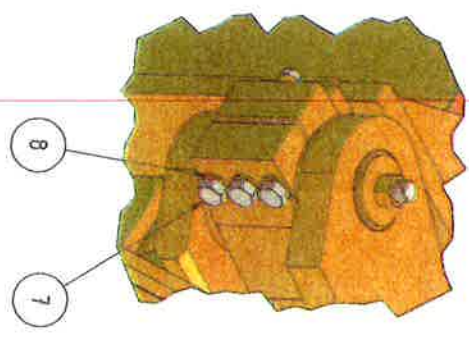
E (1:5)



F (1:7,5)



G (1:7,5)



Pos	Ant.	Varenrnummer	Sykkliste
11	3	5P5266	TL2
10	2	1K-3478	AVTREKKERBOLT HYLSE CAT
9	2	8C8842	CAT BOLT 3/4-10 UNC - 3
8	6	5P8250	SKIVE CAT
7	6	8S4757	CAT BOLT 1" X 8" UNF-12
6	2	DK400134	FLATTJERN MED GJENGEHULL
5	2	3K9770	CAT NUT 1 1/4" UNC
4	4	7V-3456	SKIVE HENGSELBOLT CAT 988
3	2	031-0213	CAT BOLT 1 1/4" X 15
2	4	8R-4265	KONISK HYLSE HENGSELBOLT 988
1	2	5V-5866	CAT HENGSELBOLT 988

Denne tegning og konstruksjon er vår eiendom, og tillates IKKE kopiert eller benyttet uten vår tillatelse. Overtrøedelse vil kunne medføre straff og/eller erstatningsansvar i henhold til gjeldende lov.

**SIDETIPP 7100L SAE DIR CAT988H
SPISS FRONT GMI 5 DELT BOLT ON**



Gjerstad mek.industri AS
Brokelandshøia, N-4993 Sundebu
www.gjerstad.com

Tegn.nr.: **KD-00285**

Målestokk: **A3**

Prosjeksjon: 

Date: 05.05.2011

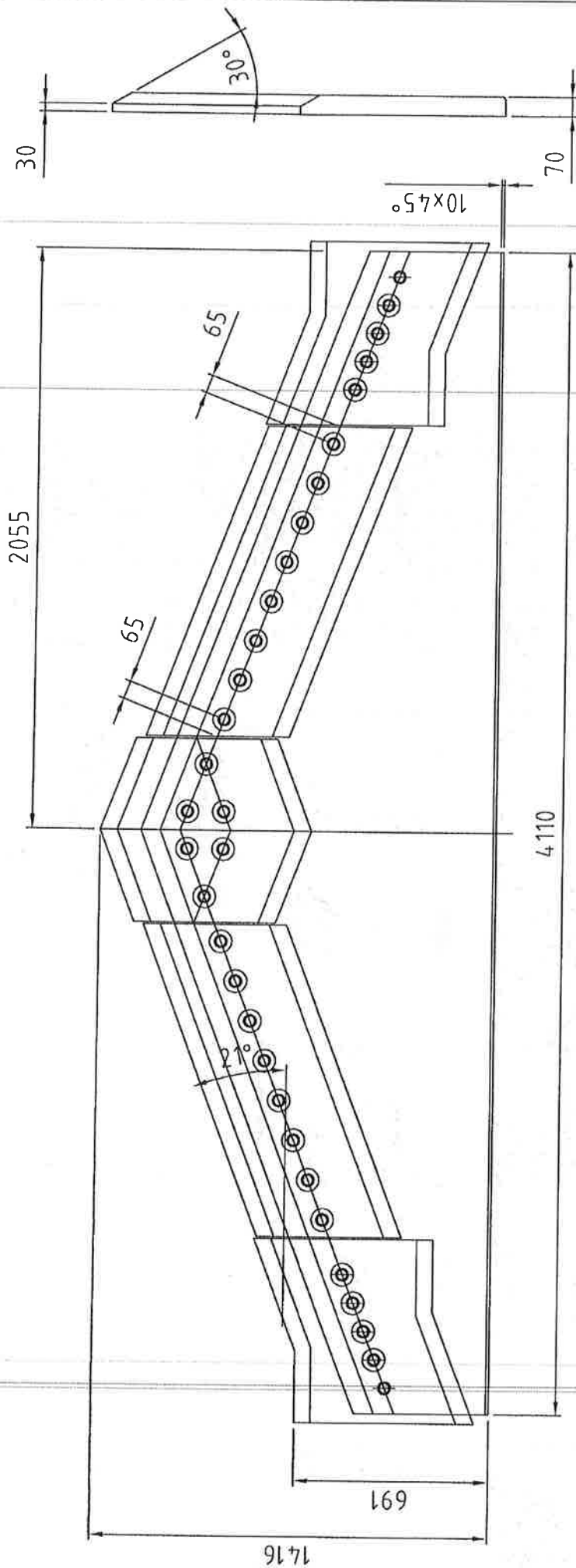
Tegn.: **KD**

Kont.: **KD**

Total vekt: **9697 kg**

Revisjon:

ANTALL	DIMENSJON	STÅLKVALITET	POS NR-TEGN NR.
1	63	H400	



Denne tegning og konstruksjon er vår eiendom, og tillates IKKE kopiert eller benyttet uten vår tillatelse. Overtredelse vil kunne medføre straff og/eller erstatningsansvar i henhold til gjeldende lov.	
Forstykket m/bolton	Adresseløst: 18.01.05
Volvo L330 Sidelipp	1:20
Forlengst type	Top: A. Gryting
	Kont: _____
	Erstatning for: _____
	Revisjon: _____
GJERSTAD	
GJERSTAD MEKINDUSTRI AS	
N-4993 SUNDEBRU, NORWAY	
Rev. av:	Godkj av:
Dato:	
Revisjonsbeskrivelse:	
DA4100485	
Erstattet av:	