



FIELD KIT

Vermeer Corporation

Environmental
Pella, IA 50219 USA

FIELD CAMPAIGN KIT # IK003194

DATE:

31 August 2015

For Dealer Reference: Service Bulletin # SVC2015-172

BC900XL Discharge Chute Update Kit

**CAMPAIGN
TYPE:**

Mandatory-Product Safety

**CAMPAIGN
CATEGORY:**

Kit and Bulletin

MACHINE / ATTACHMENT MODEL(S):	Serial Numbers		Kit Version
	Included	Excluded	
BC900XL	101 – 546, 2001 – 2035	105, 219–224, 236–240, 242, 259–262, 265, 266, 280, 281, 359–363, 368, 467–469, 479, 507–512, 2001–2008	01
BC900XL	219–224, 236–239, 242, 259–262, 265, 266, 280, 281, 359–363, 368, 467–469, 479, 507–512, 2001–2008	101–218, 225–235, 240–241, 243–258, 263, 264, 267–279, 282–358, 364–367, 369–466, 470–478, 480–506, 513–546, 2009–2035	02
BC900XL	105, 240	101–104, 106–239, 241–546, 2001–2035	03



PURPOSE: DISCHARGE CHUTE MAY SEPARATE FROM BRUSH CHIPPER

The discharge chute weld may fail at the base of the chute due to material stresses. If the weld fails, the discharge chute can separate from the brush chipper while towing on a public highway or while chipping on the jobsite. **Death or serious injury is possible.** Property or equipment damage may also occur. **This kit must be installed as soon as possible.**

SPECIAL TOOLS AND CONDITIONS:

- Hoist capable of lifting 80 lb (36 kg)

 WARNING!	Use the following Shutdown Procedure before attempting to do any of the work described in this Kit.
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BC900XL with Clutch Lever:

1. Return *Upper Feed Control Bar* to NEUTRAL.
2. Reduce engine speed to idle.
 - Whenever practical and consistent with good safety practice, run engine without load for a few minutes before shutting it off. This allows engine temperatures to decrease and equalize, which will increase engine life.
3. Disengage cutter disc engagement (clutch lever).
4. Shut off engine and remove key.
5. Wait for cutter disc and belt to stop.

NOTICE: Cutter disc rotation can be checked by looking through the viewing slots **(1)** on belt housing shield. Cutter disc will continue to turn for a short time after engine has stopped.

6. Close and latch feed table.

BC900XL with Centrifugal Clutch

1. Return *Upper Feed Control Bar* to NEUTRAL.
2. Reduce engine speed to idle, cutter disc will disengage.
 - Whenever practical and consistent with good safety practice, run engine without load for a few minutes before shutting it off. This allows engine temperatures to decrease and equalize, which will increase engine life.
3. Shut off engine and remove key.
4. Wait for cutter disc and belt to stop.

NOTICE: Cutter disc rotation can be checked by looking through the viewing slots **(1)** on belt housing shield. Cutter disc will continue to turn for a short time after engine has stopped.

5. Close and latch feed table.

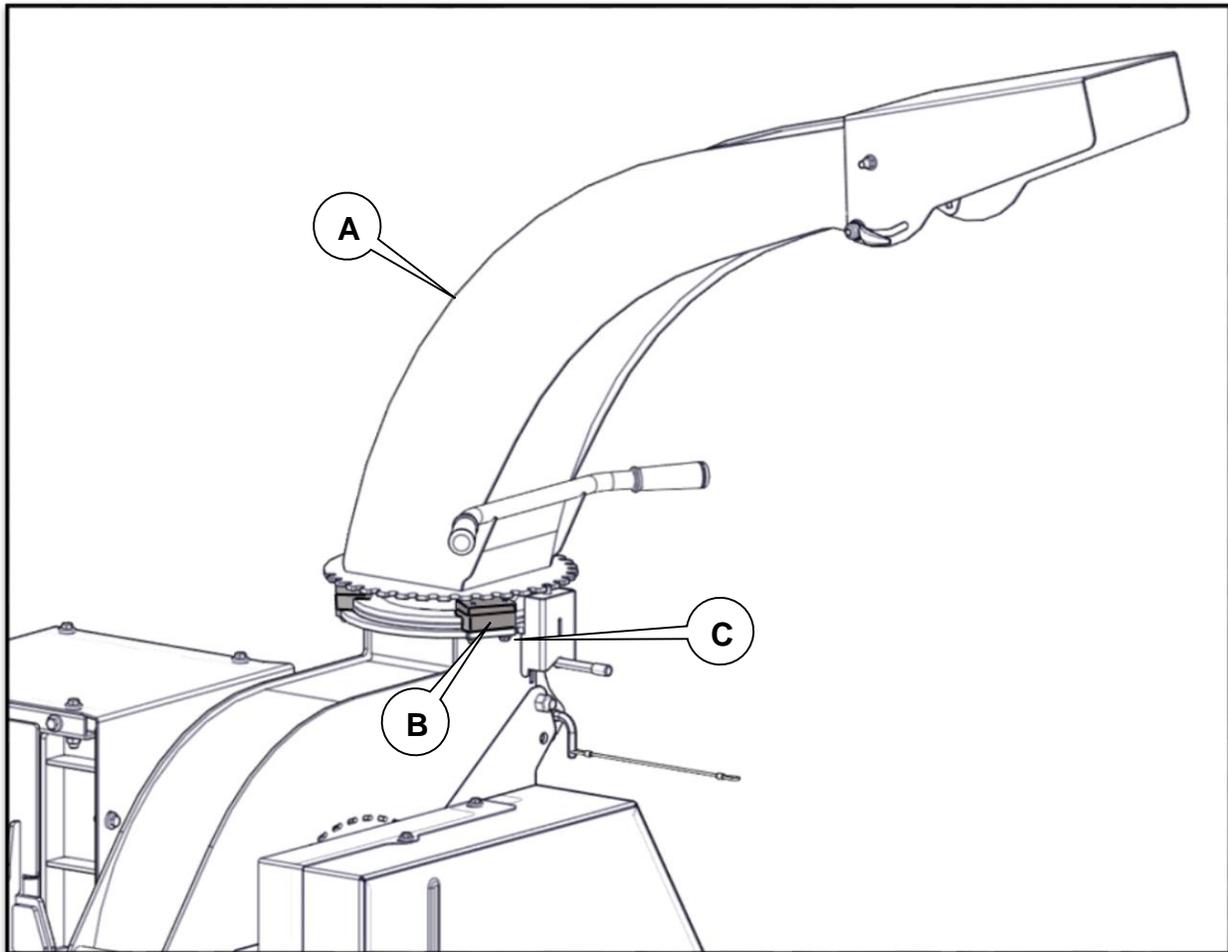
IK01 BC900XL Chute Mounting Vermeer Yellow:

IK02 BC900XL Chute Mounting Asplundh Orange:

IK03 BC900XL Chute Mounting Special Color:

1. Use hoist capable of lifting 70 lb (32 kg) to support the chip chute. Remove and retain the three chute rotation clamps (**B**) and hardware (**C**). Refer to Figure A.

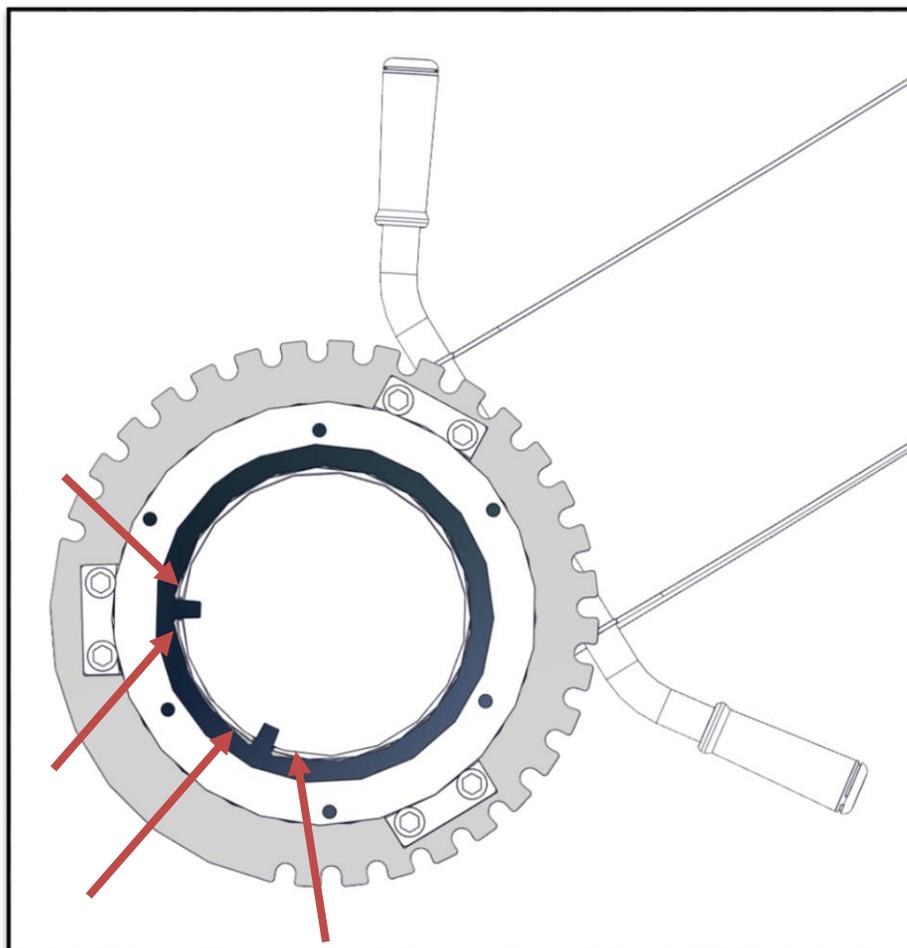
Figure A



2. Retain chute retaining blocks (**B**) and hardware (**C**) (3 sets) and discard chute if cracks are found. Also retain the chute rotation disc. Refer to Figure A.

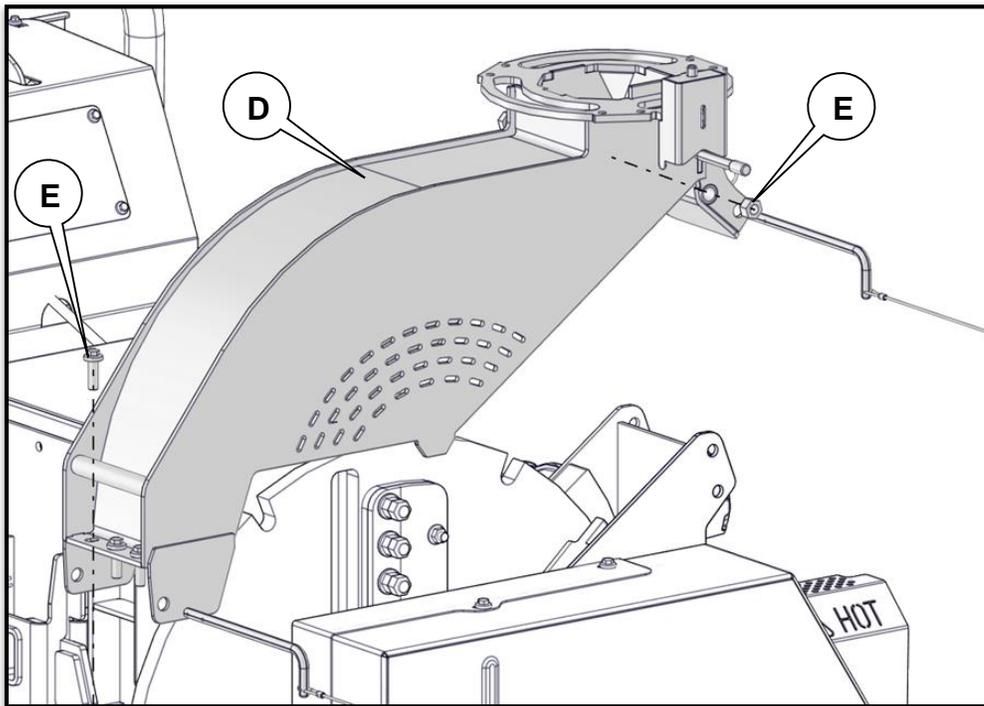
3. Inspect chute for cracks. Check inside the ring at the bottom near the rotation stops. If cracks are found, email photos to productsafety@vermeer.com. Further instructions will be provided. Refer to Figure B.

Figure B



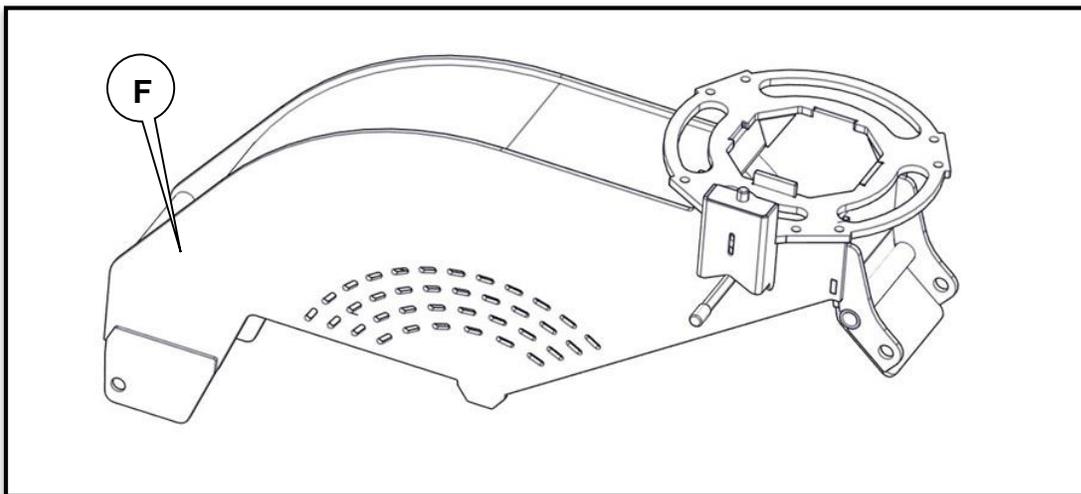
4. Discard cover **(D)** and hardware **(E)** from machine. Refer to Figure C.

Figure C



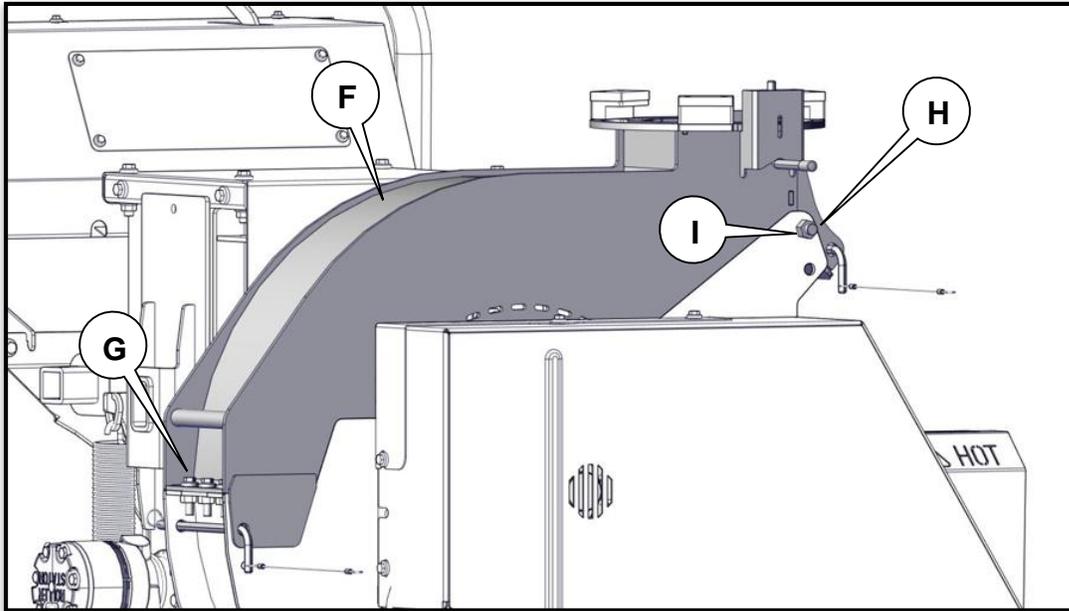
5. Install new cutter housing upper/lid replacement assembly **(F)** (163733652). Refer to Figure D.

Figure D



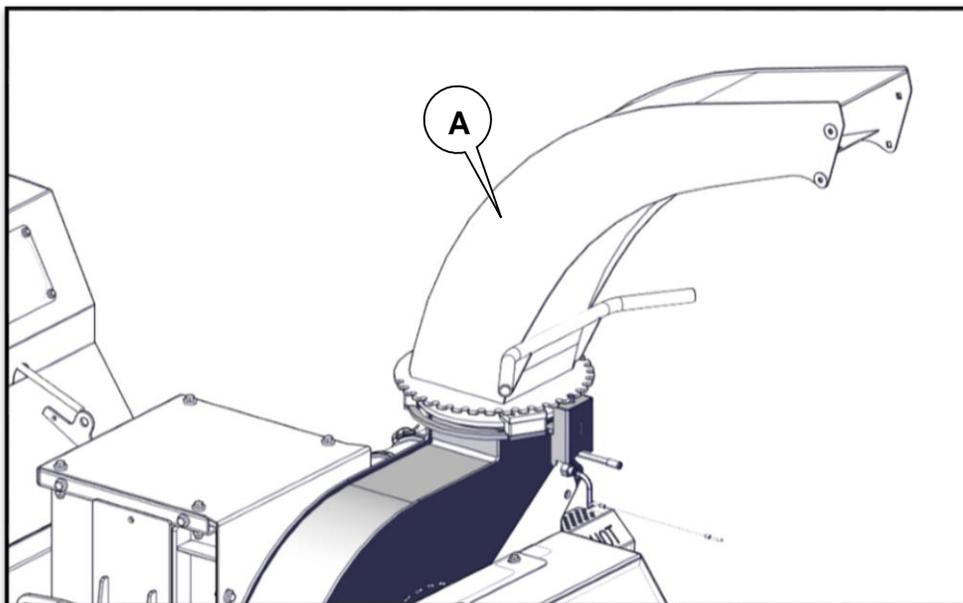
6. Install three M12 screws **(G)** (180007670) and one M16 screw **(H)** (506037200) and M16 nut **(I)** (506044016) into cutter housing cover. Refer to Figure E.

Figure E



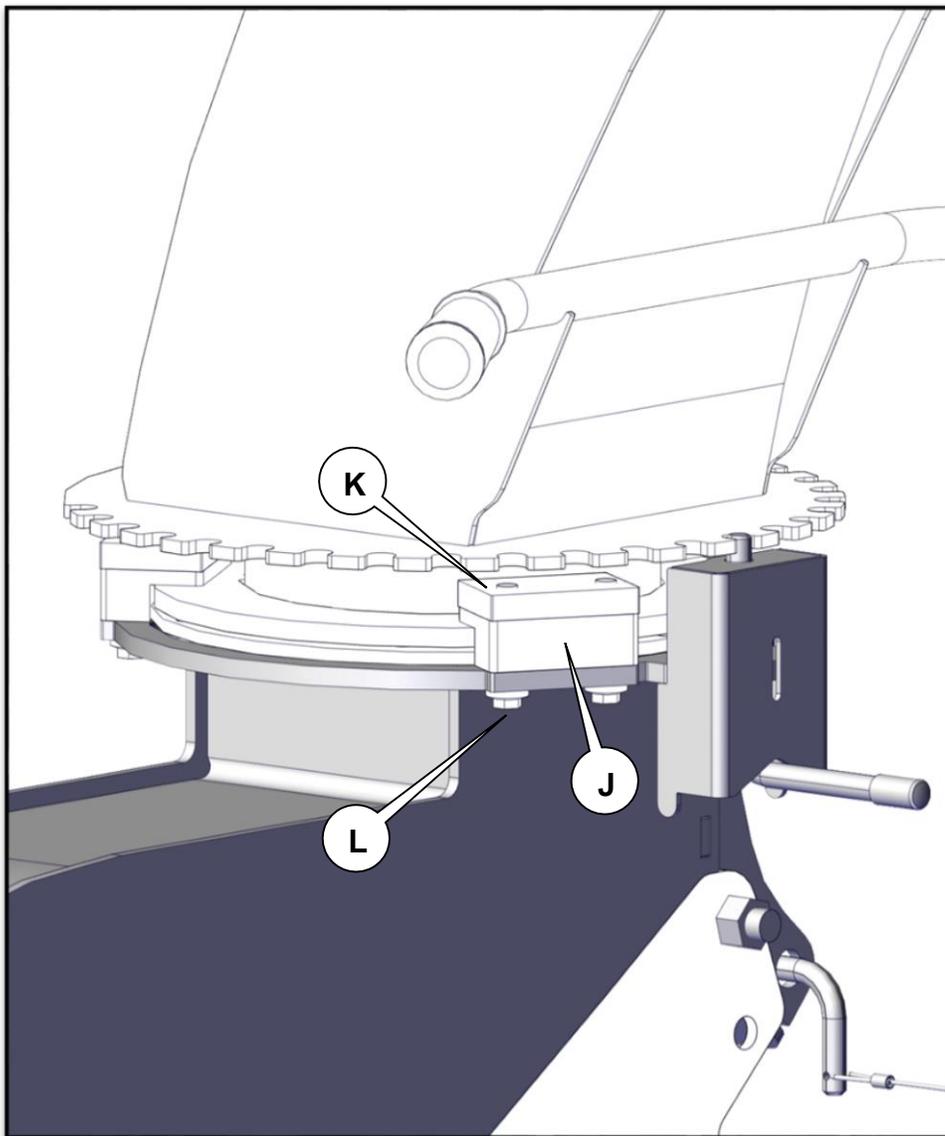
7. Reinstall chute rotation disc and install replacement chute **(A)** if cracks were found or reinstall chute **(A)** if no cracks were found. Use hoist capable of lifting 80 lb (36 kg). Refer to F.

Figure F



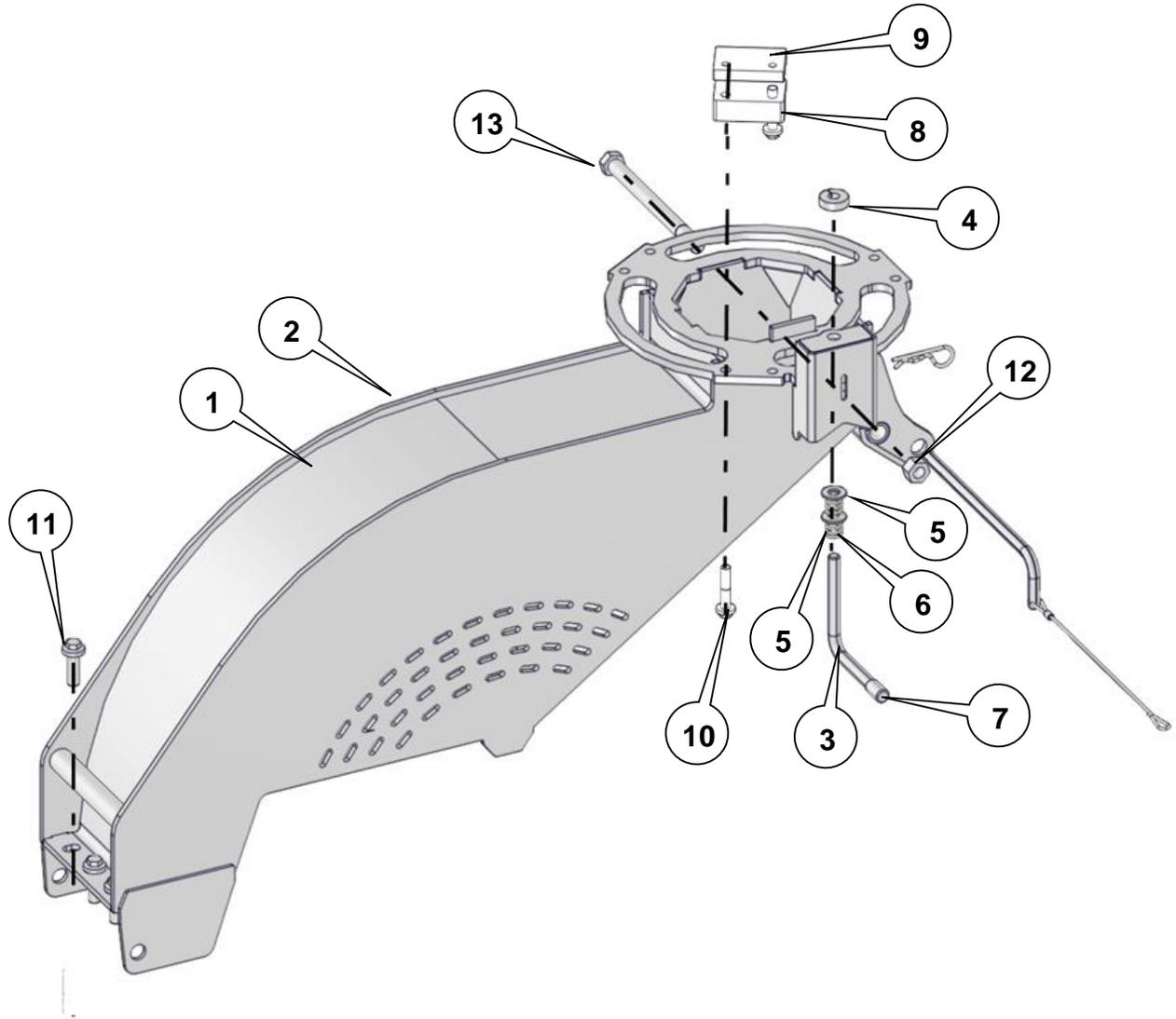
8. Keep hoist in place to clamp together. Figure F.
9. Reattach three chute rotate clamps (**J**) and nut bars (**K**) plus one new chute rotate clamp (**J**) (180012394) and nut bars (**K**) (180014644) with new M10 screws (**L**) (507612050). Refer to Figure G.

Figure G



10. Remove Figure 1 and provide to unit owner to place with existing Parts Manual by attaching pages to the customer's copy of the invoice or placing the pages in the unit's manual storage box.

Figure 1



UNIT OWNER COPY: Insert in Parts Manual for future reference.

FIGURE 1 Parts List					
REF. NO.	PART NO.	DESCRIPTION	IK01 QTY.	IK02 QTY.	IK03 QTY.
1	163733652	CUTTER HOUSING UPPER/LID REPLACEMENT ASSY (Figures 2-7 are reference)	1	1	1
2	308012490	WELDMENT CUTTERHOUSING COVER	1	1	1
3	163672012	LATCH HANDLE	1	1	1
4	145575001	CLAMP COLLAR	1	1	1
5	252253001	WASHER-1/2 SAE FLAT ZP	2	2	2
6	180012345	SPRING-COMP .72OD X 2.0,15.2LBS/INCH	1	1	1
7	129958001	CAP .468 ID X .6 OD 1in DP BLK FLEX	1	1	1
8	180012394	CLAMP-CHUTE ROTATE	1	1	1
9	180014644	NUT BAR - FOR PLASTIC CAP	1	1	1
10	507612050	SCREWHFS,M10,1.50X50,10.9,YZ,ANSI,B18.2.3.9 M,PT	2	2	2
11	180007670	SCREW-HFS,M12-1.75X40,10.9,YZB (PFCN)	3	3	3
12	506044016	NUT-HEX TOPLOCK,M16 -2.00,YZ,D980V	1	1	1
13	506037200	SCREW-HCS,M16-2.00X200,8.8,YZ,D931,PT	1	1	1
		Kit includes all items in Figure 1 Parts List			



FIGURE 1 Parts List					
REF. NO.	PART NO.	DESCRIPTION	IK01 QTY.	IK02 QTY.	IK03 QTY.
1	296287039	Certificate Complete	1	1	1
		Kit includes all items in Figure 1 Parts List			

UNIT OWNER COPY: Insert in Parts Manual for future reference.