

ISSUE 1: CHUTE GATE: IT WAS FOUND THAT OPERATION OF THE CURRENT 24 X 36" CHUTE GATES IS INADEQUATE. UNDER FULL LOAD AS THE CHUTE DOORS REQUIRE EXCESSIVE FORCE TO OPEN. THIS FIELD SERVICE BULLETIN DETAILS THE REPLACEMENT OF THE CURRENT CHUTE GATE SYSTEM WITH A NEW BOLTED TOGETHER DESIGN WITH ROLLER WHEELS AND RACK AND PINION DRIVE DOORS.

ISSUE 2: CRANK LOCK: IT WAS FOUND THAT THE CURRENT CRANK LOCK ASSEMBLY WITH A 96W TRAILER AND LARGE CHUTE GATES PREVENTS THE OPERATOR FROM INSTALLING THE CRANK ONTO THE CRANK SHAFT WHEN IN THE LOCKED POSTION. THE CURRENT LOCKING PLATE IS TOO LONG AND EXTENDS TO THE END OF THE CRANK SHAFT, THEREFORE PREVENTING THE OPERATOR FROM INSTALLING THE CRANK ON THE SHAFT. THIS FIELD SERVICE BULLETIN DETAILS THE REPLACEMENT OF THE CURRENT LOCK ASSY WITH A SHORTER LOCK ASSY.

WARNING: TRAILER MUST BE UNLOADED, AIR SUSPENSION EXHAUSTED AND TRAILER SAFELY PARKED ON LEVEL GROUND BEFORE BEGINNNNG THIS REWORK

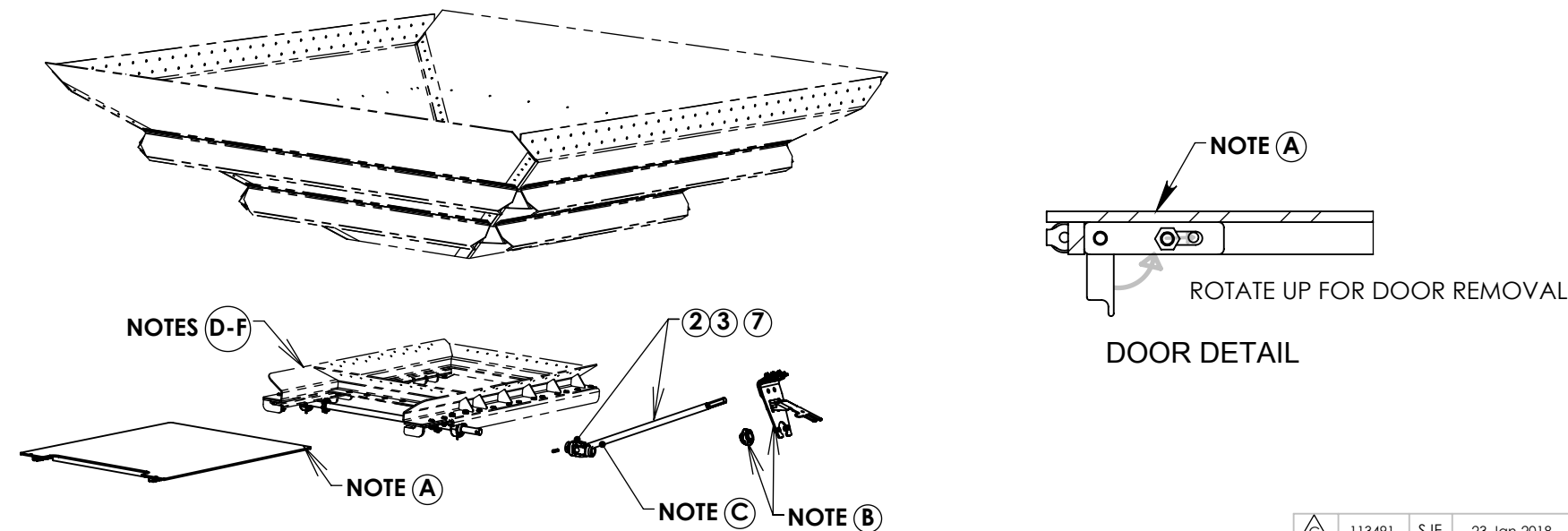
CHUTE GATE AND LOCK REPLACEMENT PROCEDURE:

- A. LOCK DOOR CATCH IN UPWARD POSITION AND REMOVE CHUTE DOOR FROM HOPPER AND DISCARD.
- B. REMOVE CRANK LOCK ASSEMBLY AND UPPER CRANK SHAFT BEARING FROM HOPPER AND DISCARD.
- C. REMOVE UPPER CRANK SHAFT AND U-JOINT ASSEMBLY FROM CHUTE GATE ASSEMBLY (**SPRING PINS (2) AND U-JOINT (7) WILL BE REUSED**)
- D. SUPPORT CENTER OF REMAINING CHUTE GATE FRAME WITH FLOOR JACK.
- E. CUT OFF ALL HUCKBOLTS HOLDING CHUTE FRAME TO BOTTOM OF HOPPER.
- F. LOWER FLOOR JACK AND DISCARD OLD CHUTE FRAME COMPONENTS.
- G. PLACE NEW CHUTE GATE ASSEMBLY (1) (**WITH DOORS AND DEFLECTOR SHEETS INSTALLED**) CENTERED ON FLOOR JACK AND LIFT INTO PLACE ON BOTTOM SIDE OF HOPPER. (NOTE ORIENTATION. DOOR OPENING TO CENTER OF TRAILER)
- H. **MATCH DRILL FROM INSIDE HOPPER THE CENTER 4 HOLES ON ALL FOUR SIDES** OF THE HOPPER USING PREVIOUS HUCK BOLT HOLES AND RECONNECT WITH SUPPLIED HUCK BOLTS(8-9). **NOTE: ALL HUCKBOLTS ARE INSTALLED WITH BOLT HEAD INSIDE HOPPER AND COLLAR TO OUTSIDE TO PREVENT GRAIN HANG UP.**
- I. INSTALL CORNER WRAPS(1.3 - 1.4) - **MATCH DRILLING THROUGH CORNER WRAPS** THROUGH GATE ASSEMBLY AND HOPPER AND HUCK BOLT TOGETHER.
- J. REMOVE FLOOR JACK AND CHUTE DOOR (4) FOR EASIER HUCKBOLT INSTALLATION.
- K. **MATCH DRILL REMAINING HOLES FROM HOPPER** INTO CHUTE FRAME AND HUCK BOLT ALL CONNECTIONS.
- L. CONNECT ORIGINAL U-JOINT ASSEMBLY (7) AND UPPER CRANK SHAFT TO NEW LOWER GEAR SHAFT (1.1) REUSING PREVIOUS SPRING PIN (2).
- M. INSTALL NEW CRANK LOCK (6) REUSING EXISTING HOLES AND HARDWARE.
- N. INSTALL NEW UPPER CRANK SHAFT BEARING (5) AND FLANGES(4).
- O. REINSTALL DOOR (1.2).
- P. TIME GEAR DRIVE AND LOCKING MECHANISM SO GATE IS FULLY CLOSED AND LOCK LINES UP WITH FLATS ON THE UPPER CRANK SHAFT.

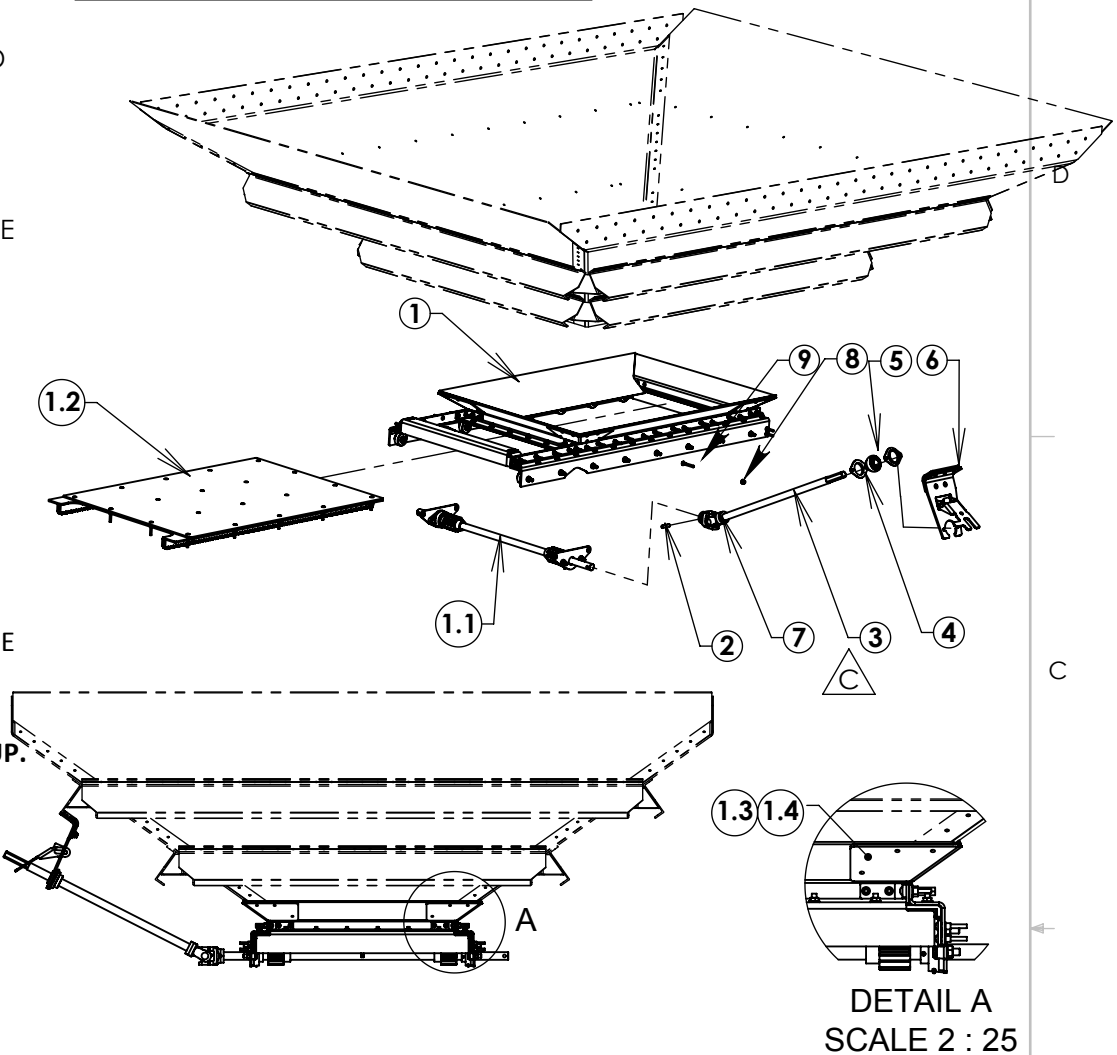
A. DONE EITHER THROUGH BACKING DOOR UP UNTIL DISENGAGED FROM PINION AND ROTATING GEAR FREELY TO DESIRED POSTION OR;

B. BY DROPPING THE GEAR SHAFT AND REALIGNING RACK AND PINION WITH DOOR IN CLOSED POSITION.
- Q. UNLOCK DOOR CATCH IN DOWNWARD POSITION TO PREVENT DOOR FROM DISENGAGING FROM GEAR SHAFT.
- R. REPEAT FOR SECOND HOPPER.

OLD CHUTE GATE REMOVAL



NEW CHUTE GATE INSTALL



9	84	12121739	HUCK MGPB R8-10G 0-25 062-.625	NEW
8	84	12121740	FST-H MGC-R8U COLLAR,1/4,STL	NEW
7	1	1AD00040	U-JOINT H3 STD 1 x 1 ROUND	REUSE
6	1	11AK0360	LOCK, ASSY, 96W	NEW
5	1	1AA00220	BEARING AEL205-100D1 1in	NEW
4	2	1AA00180	FLANGETTE 52MM2 - 1in BEARING	NEW
3	1	11AK0317	CRANK DRIVE ROD SS AHV (LOCK)	NEW
2	2	1KB00160	SPRING PIN TP-39 3/8x1 1/2	REUSE
1.4	2	11AL0642	CORNER WRAP, CHUTE FRAME, ALUM., LH	NEW
1.3	2	11AL0641	CORNER WRAP, CHUTE FRAME, ALUM., RH	NEW
1.2	1	11AD0109	CHUTE DOOR, BOLTED, RACK, 6DP, ASSY	NEW
1.1	1	11AC0128	CHUTE DRIVE, ASY, PINION 612	NEW
1	1	11AC0129	CHUTE DRIVE ASY, 6DP RACK, ROLLERS	NEW
ITEM NO.	QTY.	PART NUMBER	DESCRIPTION	NOTES

MATERIAL NO

DRAWN SJF 05-Jan-2018

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ARE: FRACTIONS DECIMALS ANGLES ± 1/16 X.XX ... ± 0.06 ± 1° X.XXX ... ± 0.031

DRAWING TITLE

MATERIAL DESCR

DWG FILE: W:\LK25\Field Service Bulletins\FS201801\FS201801 MODEL FILE: W:\LK25\Field Service Bulletins\FS201801\FS201801

PRESTIGE
BOX 1146 WINKLER MANITOBA CANADA R6W 4B2

CRANK DRIVE ROD WAS 11AK0361 NOW 11AK0317

THIS DRAWING CONTAINS PROPRIETARY INFORMATION. ITS CONTENTS MUST NOT BE DISCLOSED IN WHOLE OR IN PART WITHOUT THE PRIOR WRITTEN CONSENT OF TRIPLE E CANADA.

SCALE 1:25

SIZE B

SHEET 1 OF 1

DWG. NO. FS201801

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