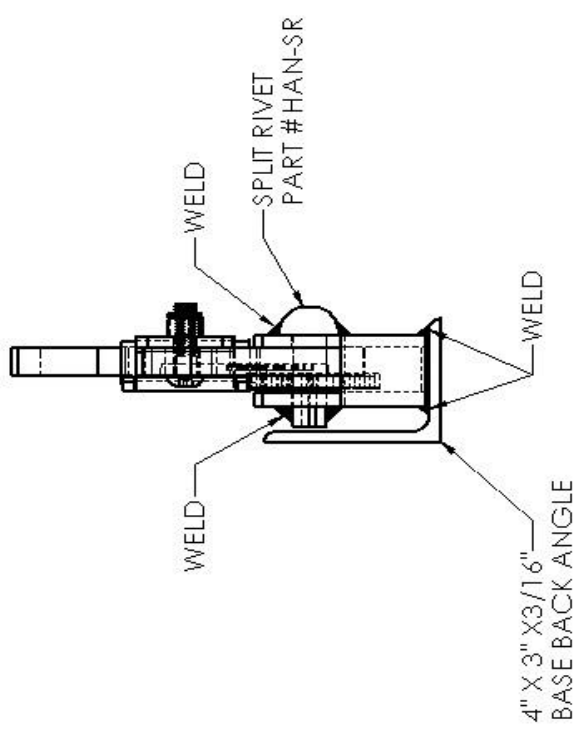
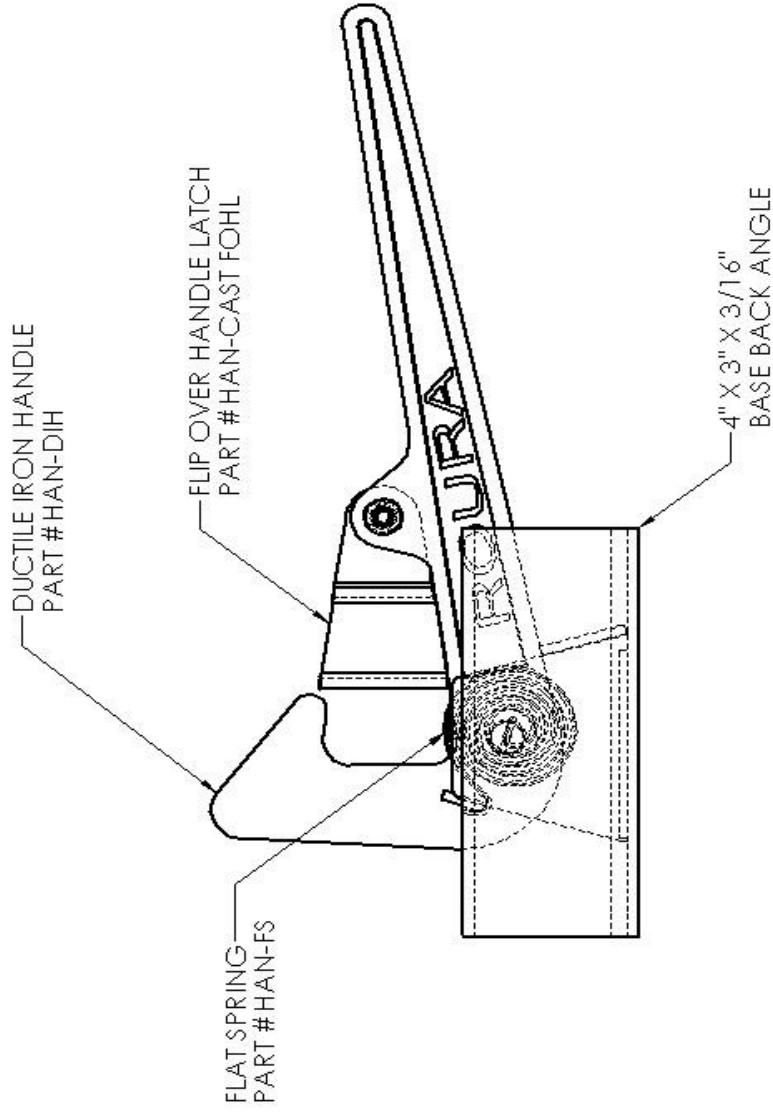


ROURA
MATERIAL HANDLING

PARTS REMOVAL & INSTALLATION INSTRUCTIONS.



BACK OF HOPPER VIEW

SIDE VIEW



REMOVAL AND INSTALLATION OF TRIP LEVER, FLAT SPRING AND SPLIT RIVET ON ROURA SELF-DUMPING HOPPERS

SEE DRAWING TO IDENTIFY PARTS USED ON YOUR HOPPER.

1. REVIEW ROURA DRAWING #ENG105R1 (ROURA STD. TRIP LEVER CLEVIS ASSEMBLY DWG)
2. THE TRIP LEVER ASSEMBLY ON ALL ROURA SELF-DUMPING HOPPERS CONSISTS OF A COMBINATION OF THE FOLLOWING PARTS:
 - A) (1) CLEVIS BRACKET ASSEMBLY

THE FOLLOWING PARTS MOUNT INSIDE THE CLEVIS BRACKET ASSEMBLY:

- B) (1) TRIP LEVER HANDLE (HAN-DIH, HAN-STH, HAN-BEH, HAN-EXHDSTH
FLIP OVER HANDLE LATCH (HAN-CAST FOHL)
 - C) (1) FLAT SPRING (HAN-FS)
 - D) (1) SPLIT RIVET (HAN-SR)
3. TO REMOVE COMPONENT PARTS FROM WITHIN THE TRIP LEVER ASSEMBLY:
 - A) BURN OR GRIND OFF THE WELDS ON THE EXISTING (HAN-SR) SPLIT RIVET.
 - B) USING A HAMMER AND PUNCH, DRIVE THE SPLIT RIVET OUT OF THE CLEVIS BRACKET. THE TRIP LEVER AND OLD SPRING CAN BE REMOVED FROM THE CLEVIS BRACKET. INSPECT THE TRIP LEVER HANDLE FOR CRACKS AND/OR EXCESS WEAR ON THE INSIDE OF THE HOOK. REPLACE LEVER HANDLE IF CRACKS AND/OR EXCESS WEAR EXISTS. ALSO INSPECT HANDLE. IF THE HANDLE IS BENT, REPLACE WITH A NEW HANDLE.

DO NOT INSTALL A CRACKED AND/OR EXCESSIVELY WORN HANDLE INTO THE CLEVIS BRACKET ASSEMBLY. POSSIBLE INJURY COULD RESULT FROM THE USE OF A CRACKED AND/OR EXCESSIVELY WORN TRIP LEVER HANDLE WHEN STORING, HANDLING, TRANSPORTING OR DUMPING THE SELF-DUMPING HOPPER.

- C) GRIND OFF THE REMAINING TACK WELDS ON THE FRONT AND BACK OF THE CLEVIS BRACKET. INSERT THE FLAT SPRING AND TRIP LEVER HANDLE INTO THE CLEVIS BRACKET AS SHOWN ON DRAWING #ENG105R1. HOLD THE SPRING AND HANDLE IN PLACE WITH ONE HAND WHILE INSTALLING A NEW SPLIT RIVET THROUGH THE BRACKET, HANDLE AND SPRING.
 - D) PLACE THE BLADE OF A FLAT BLADE SCREWDRIVER INTO THE SLOT OF THE SPLIT RIVET WHERE IT EXTENDS OUTSIDE THE CLEVIS BRACKET AND TURN THE RIVET CLOCKWISE UNTIL THE HOOK ON

THE OUTER END OF THE SPRING CONTACTS THE BOSS ON THE CAST TRIP LEVER HANDLE.
(CONTACTS THE PIN ON THE STEEL BURN-OUT HANDLE).

- E) MAKE SURE THE RIVET HEAD IS FLUSH WITH THE CLEVIS BRACKET AND THAT THE OTHER END OF THE RIVET EXTENDS THROUGH THE OPPOSITE SIDE OF THE CLEVIS BRACKET AS SHOWN ON DRAWING #ENG105R1. TURN THE RIVET $\frac{1}{4}$ ADDITIONAL TURN CLOCKWISE AND TACK WELD THE HEAD OF THE RIVET TO THE CLEVIS BRACKET (THIS WILL KEEP THE RIVET FROM TURNING).

- F) LIFT UP ON THE TRIP LEVER, ALLOW THE TRIP LEVER TO SPRING BACK TO THE STOP ON THE CLEVIS BRACKET. ONCE THE TRIP LEVER IS RELEASED IT SHOULD RETURN TO THE STOP ON THE CLEVIS BRACKET WITH TENSION STILL REMAINING ON THE SPRING.

- G) IF TENSION DOES NOT EXIST WHEN THE HANDLE HAS RETURNED TO THE CLEVIS BRACKET STOP, KNOCK OFF THE TACK WELD ON THE RIVET HEAD , TURN THE SPLIT RIVET UNTIL THE HOOK ON THE OUTER END OF THE SPRING CONTACTS THE BOSS ON THE CAST TRIP LEVER HANDLE AND THEN TURN THE RIVET $\frac{3}{8}$ ADDITIONAL TURN CLOCKWISE, TACK WELD THE HEAD OF THE RIVET TO THE CLEVIS BRACKET AND RE-TEST. DO NOT TURN THE RIVET MORE THEN $\frac{3}{8}$ OF A TURN CLOCKWISE.
EXCESS TENSION ON THE FLAT SPRING WILL LEAD TO SHORT SPRING LIFE.

**FAILURE TO USE A HAN-SR SPLIT RIVET AND/OR PROPERLY ADJUST SPRING TENSION AS STATED ABOVE
COULD CAUSE INJURY TO PERSON NEAR HOPPER WHEN HANDLING, TRANSPORTING, OR DUMPING THE SELF-
DUMPING HOPPER.**

- H) ONCE CORRECT SPRING TENSION HAS BEEN ACHIEVED AND THE TRIP LEVER HAS BEEN TESTED, TACK WELD THE RIVET HEAD TO THE CLEVIS BRACKET IN TWO ADDITIONAL PLACES AND TACK WELD THE OPPOSITE END OF THE RIVET TO THE CLEVIS BRACKET IN TWO PLACES.

- I) PULL HOPPER BODY BACK UNTIL THE TRIP LEVER HOOKS OVER THE BACK PAD PIN COMPLETELY. MAKE SURE NO ONE IS STANDING NEAR THE HOPPER, THEN LIFT UP ON THE TRIP LEVER AND ALLOW THE HOPPER BODY TO DUMP FORWARD. AGAIN PULL THE HOPPER BODY BACK UNTIL THE TRIP LEVER HOOKS OVER THE BACK PAD PIN COMPLETELY.

INSTALLATION OF THE COMPONENT PARTS IS NOW COMPLETE.