

FOR LRST40 LIFTGATES ONLY
 THIS GUARD CONFORMS TO DOT STANDARDS: FMVSS STANDARD NO. 223, REAR IMPACT GUARDS (571.223).

HIEMAN

TAILGATES, INC.

KIT 221

REAR IMPACT GUARD

LRST 40

PART NO. 3722

REAR IMPACT GUARD INSTALLATION

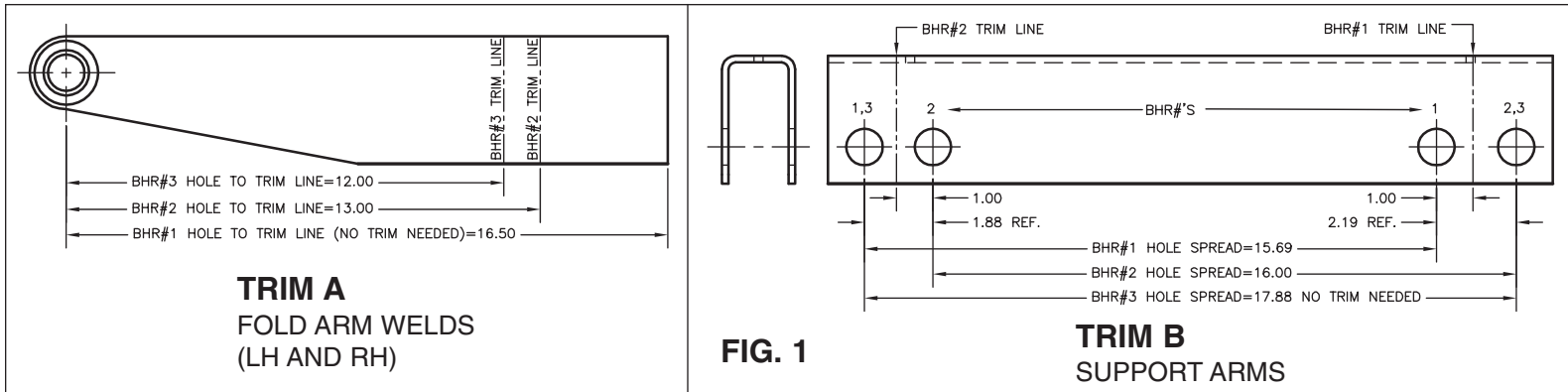
STEP 1. Determine the BHR# from the chart.

STEP 2. Trim the fold arms as shown under Trim A in figure 1. On BHR# 1 there is no trimming required for this step. Trim the left and right hand fold arms.

BHR#	BED HEIGHT RANGE
1	52.00-56.00
2	49.00-51.99
3	46.00-48.99

STEP 3. Trim the support arms as shown under Trim B in figure 1. Mark the trim line for the specific BHR# as shown below. On BHR# 3, there is no trimming required.

TRIM OPERATIONS



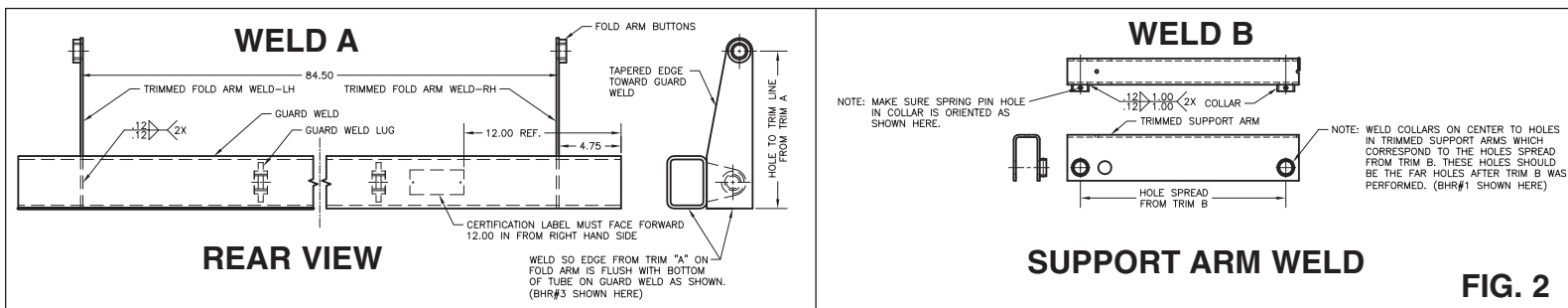
STEP 4. Tack weld the trimmed fold arms to the guard weld as shown under Weld A in figure 2.

STEP 5. Tack weld the collars to the trimmed support arms as shown under Weld B in figure 2.

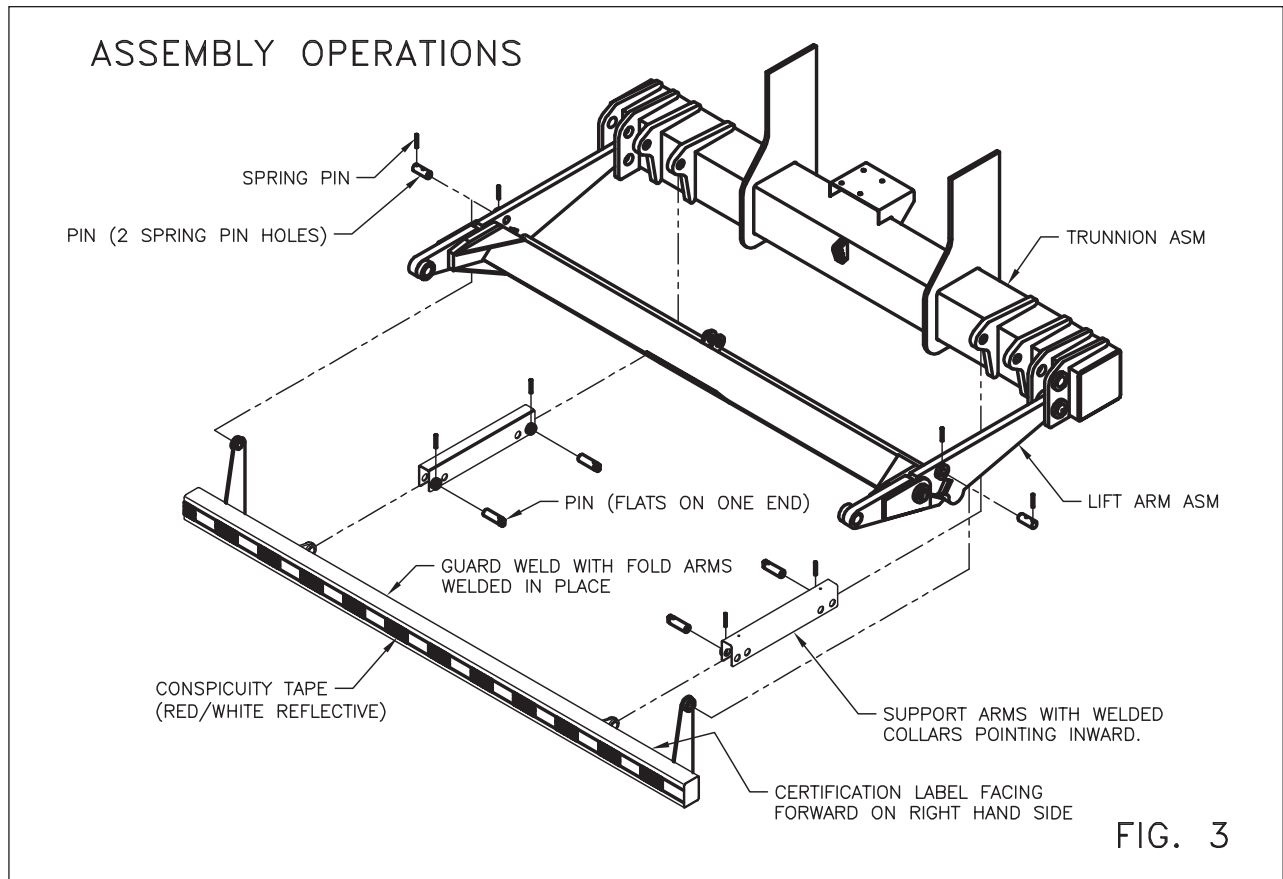
STEP 6. Assemble the guard weld/fold arm weld to the lift arm using the pin with the two holes and the spring pins supplied as shown in figure 3.

STEP 7. Assemble the support arm/collar welds between the guard weld lugs and the trunnion asm lugs using the pins with the flats on the end and the spring pins supplied as shown in figure 3. The collars welded to the support arms should face inward.

WELD OPERATIONS

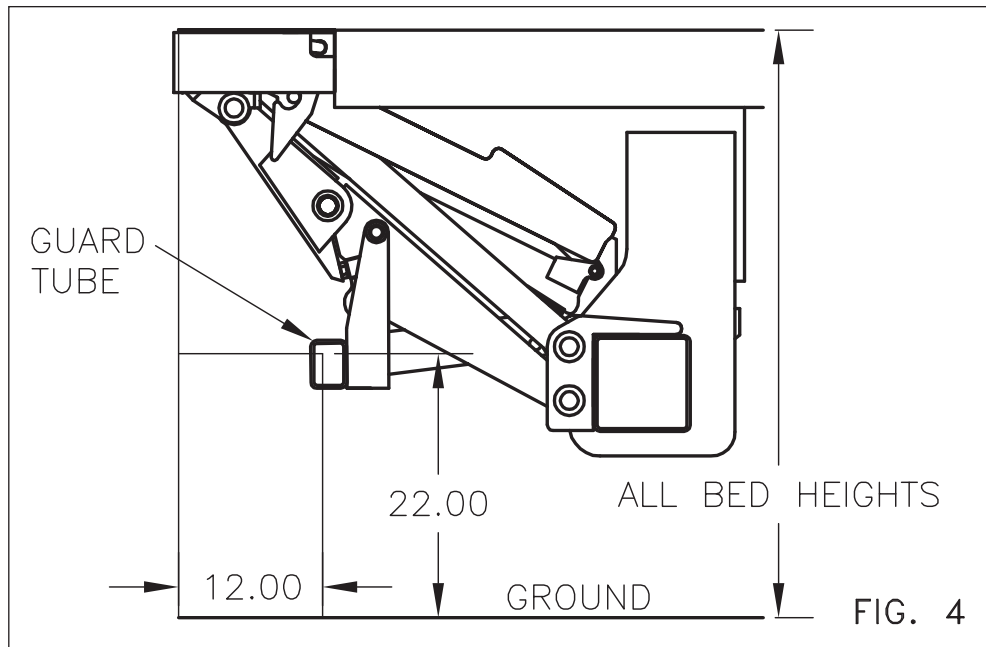


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STEP 8. Operate the liftgate fully through all possible positions to make sure operation is not affected by guard mounting and make sure guard does not interfere with dock bumpers or the ground. DO NOT cut guard tube ends off for clearance purposes. End of guard tube must be within 4.00 inches of outside of body to be compliant with DOT standards.

STEP 9. Check to make sure a portion of the guard tube is within the rectangular boundary as shown in figure 4.



STEP 10. If no interference problems are encountered, finish weld all welds which were initially tack welded.

STEP 11. After painting is complete, apply the conspicuity tape as shown in figure 3.