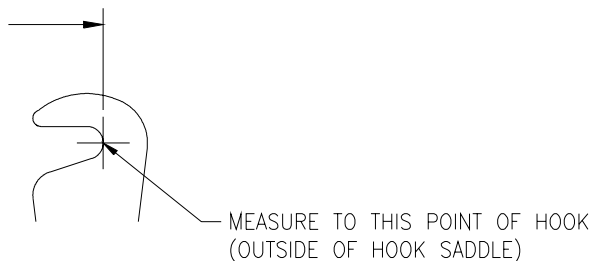


## Instructions for aligning hooks on Chassis Lift

### Check if the welded front hooks are out of adjustment

#### Items to check:

- A- Does the body lock warning system work when the lever is in the up and pinned position?
- B- Are the body stops (flat bar plates that are welded to the Chassis Lift behind the rear hooks) in place and in good condition?
- C- Has the driver reported any banging or body movement on inspection reports?
- D- Is the padlock safety key intact?
- E- Measure from the wing plates (the triangular shaped plates that the body hits up against) to the saddle of the first set of hooks. This measurement should be  $53 \frac{7}{8}'' \pm \frac{1}{4}''$ . If it is greater than this measurement, the hooks will need to be adjusted. Please follow these instructions to make hook adjustments.



## Install fixture

Clamp fixture onto Chassis Lift so that the centerline of the 1 1/8" bar is exactly 53 1/4" from the front wing plates on the Chassis Lift.

Note: The fixture is constructed from the following materials: 1 1/8" round rod @ 34" long. Two (2) pieces of 2 x 2 x 1/4" angle @ 6" long)

Note: If you do not have a fixture, clamp a piece of 4" channel onto the top of the Chassis Lift behind the hooks. Push the hooks forward until the back of the throat of the hook is exactly 53 13/16" from the wing plate. (Detail 1)

Double check measurement and tack weld fixture or channel to the top of Chassis Lift. Note any air gap between the throat of the hook attached to the locking handle and the locking bar on the fixture. See Figure 1. If there is more than a 1/8" gap, the hooks attached to the locking handle will need to be adjusted.

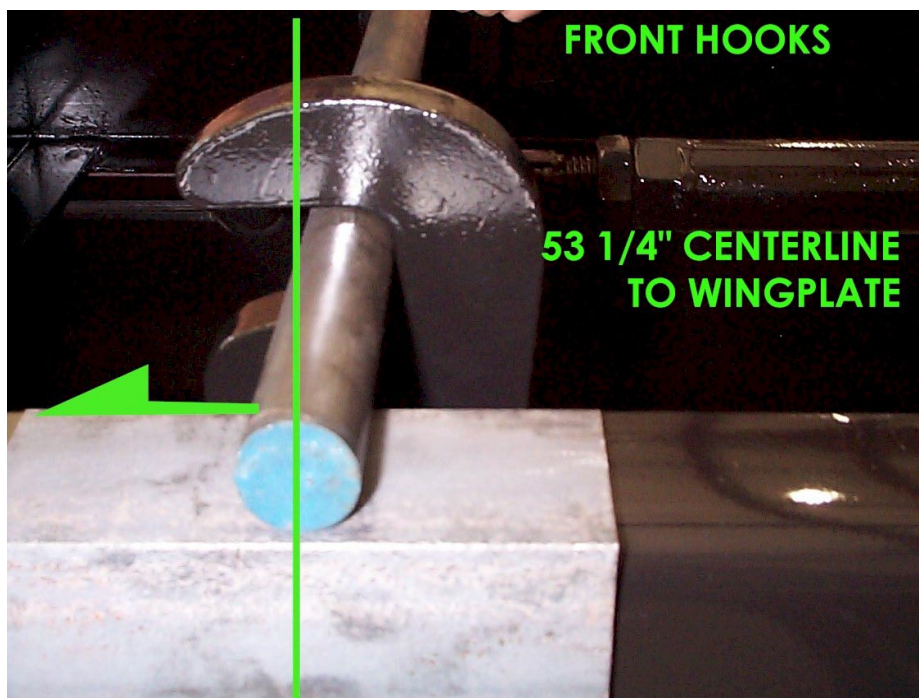
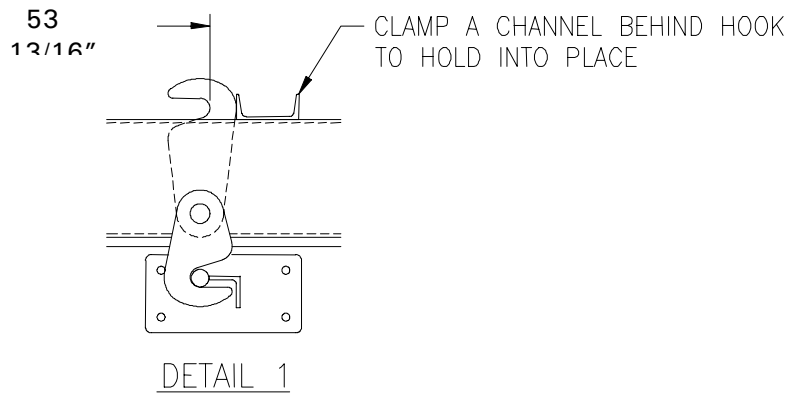


Figure 1



## Adjust the welded hook assembly

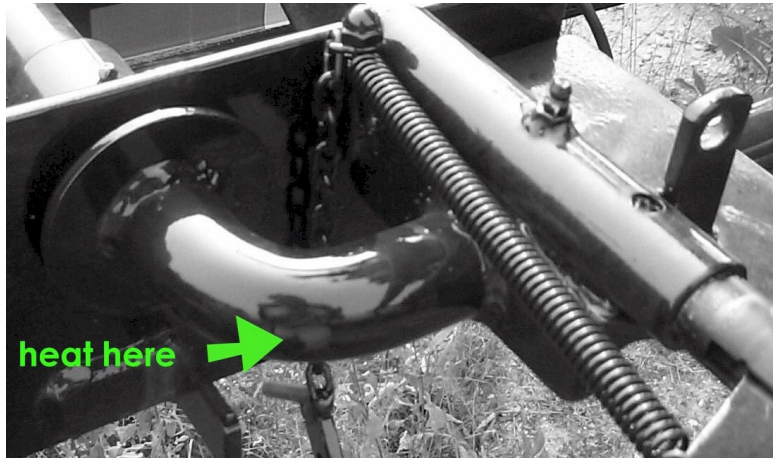
First be sure the fixture is clamped and tacked to the chassis.

To adjust the hooks, first **push in** on the spring-loaded handle and lift the locking handle **above** its normal locked position (the lock pin will be slightly above the hole on the face plate of the A-frame assembly). See Figure 2. Have a helper clamp the hooks to the locking bar fixture.



Figure 2

Heat the "elbow" (90 degree part of the 1 7/16" shaft) of the locking bar until it glows orange. See Figure 3. DO NOT CUT THE METAL. Put a 1 1/2" pipe over the locking bar and bend it down GENTLY until the spring-loaded pin snaps into place. LET THE LOCKING HANDLE AIR COOL.



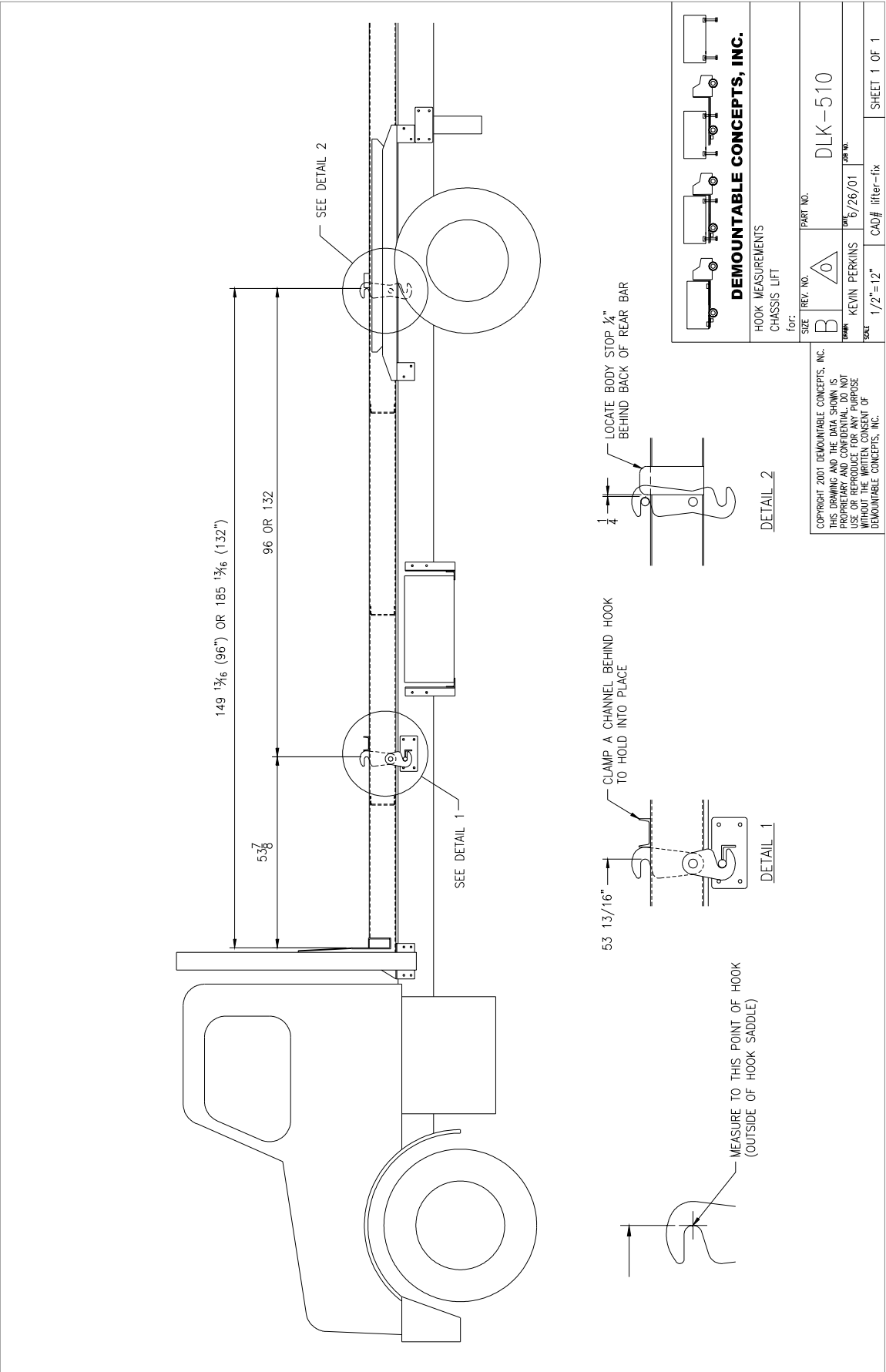
**Figure 3**

### **Adjust the linked hooks**

Remove the fixture and relocate it at 149 1/4" (for a 96" hook space) or 185 1/4" (for a 132" hook space) from the front wing plate (clamp jig only - NO TACKING REQUIRED). Adjust the linked hooks tight to the locking bar on the fixture by adjusting the threaded bar on the linkage rod. When finished, tighten the jam nut. See Figure 4.



**Figure 4**



**DEMOUNTABLE CONCEPTS, INC.**

HOOK MEASUREMENTS  
CHASSIS LIFT

SIZE	REV. NO.	PART NO.	DATE	JOB NO.	SHEET
B		DLK-510	6/26/01		1 OF 1
DRAWN			SCALE		
KEVIN PERKINS			1/2" = 12"		
			CAD# lifter-fix		

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