HY-TECH RECOVERY EQUIPMENT INC.

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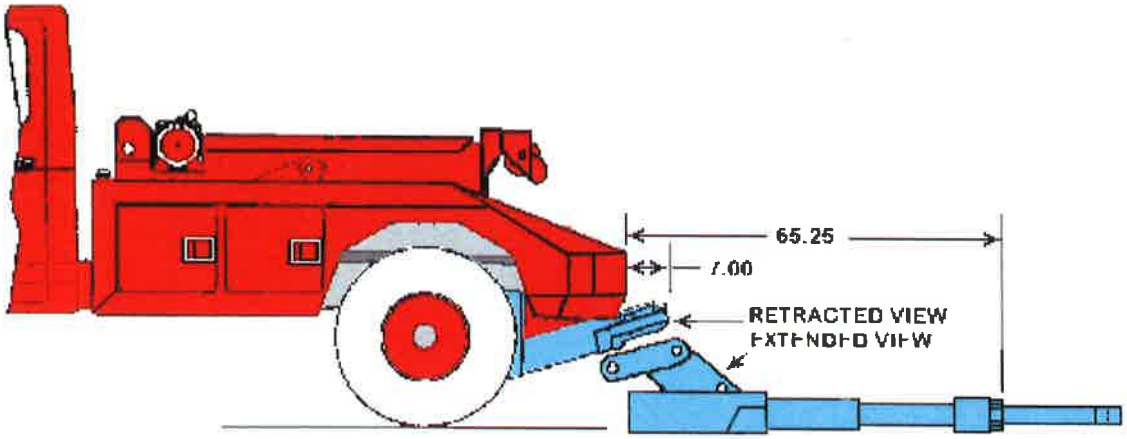
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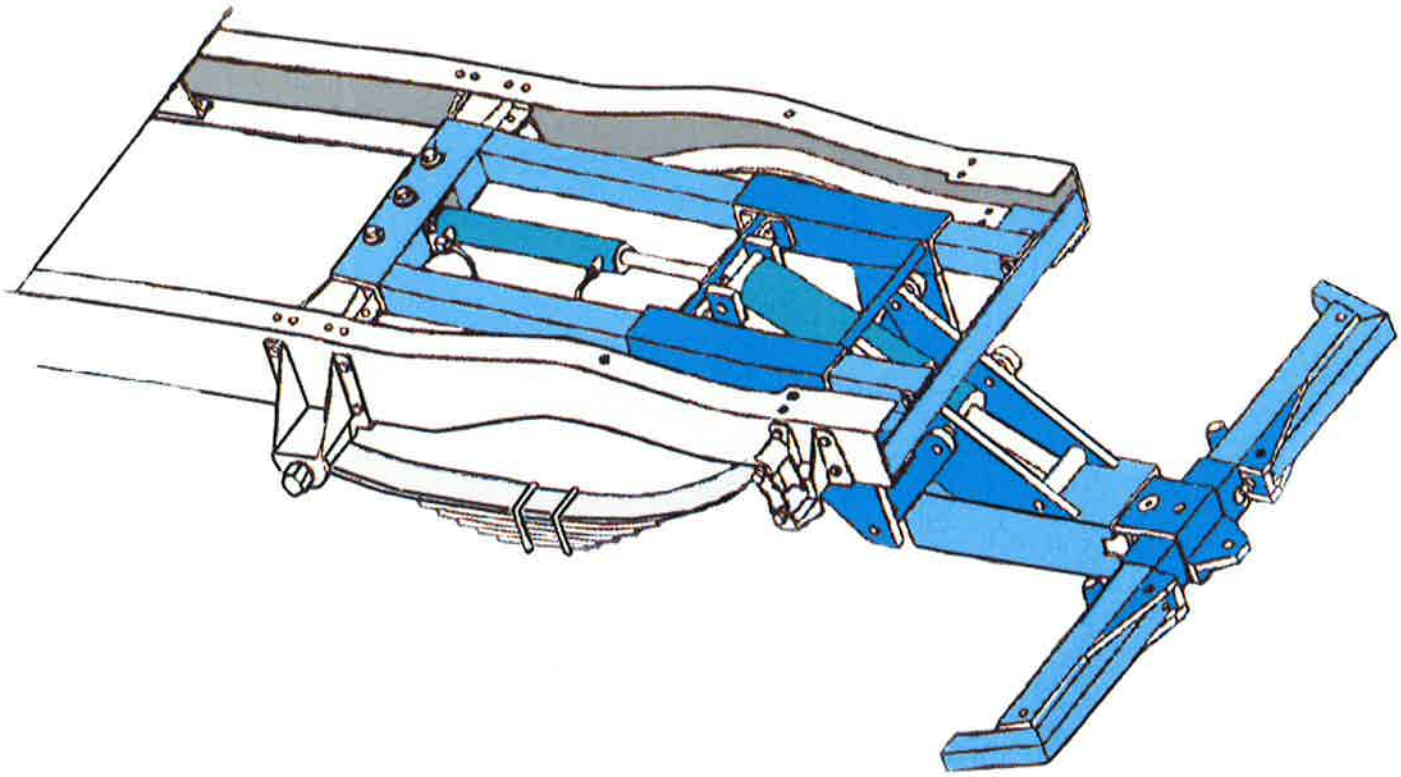

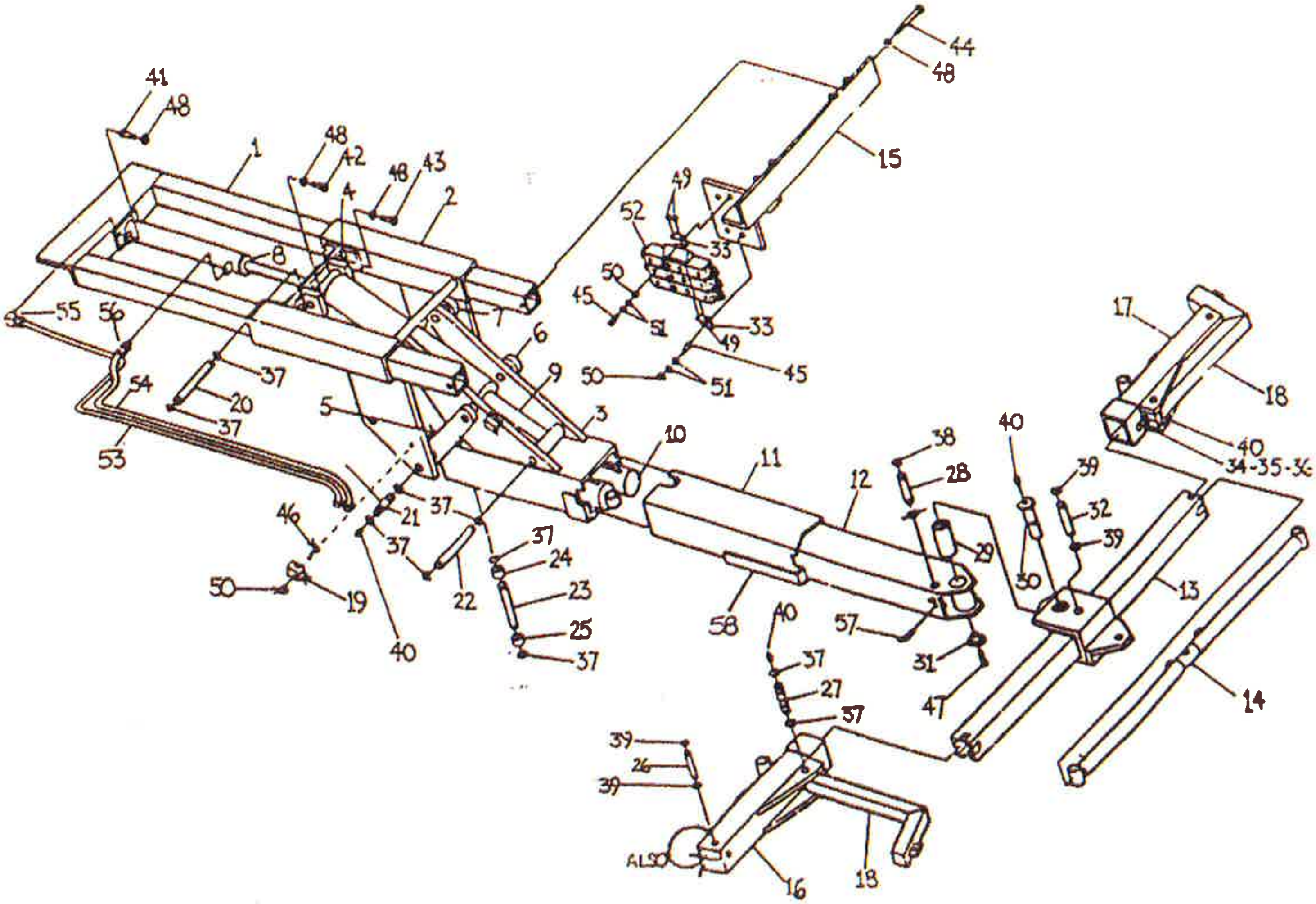
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WHEEL LIFT INSTALLATION

REFER TO FIGURE A & B

If all procedures have been followed correctly, the HL-4000 wheel lift should be ready for installation. Now, lower the wheel lift in place and rest on the frame of the truck as shown in Figure C. Some notching of the truck frame member on the drivers side may be necessary to provide clearance for the HL-4000 valve body and hoses. The wheel lift must be centered between the truck frame members,and rear angle mount must be even with frame ends to insure that the mount will be flush with the inside of the wrecker tailboard. Re-align truck frame rails to original dimensions (refer to Item #2). Then square the unit to the frame and clamp in position. Now weld all around rear angle mount and frame rails (#1 in Figure C). The quality of the weld should meet or exceed AWS D1.1 Structural Welding Code (this refers to making a structurally sound weld with one of the following processes: SMAW (ARC), MIG, or TIG).

NOTE: WRECKER BED SHOWN ONLY FOR CLARITY.

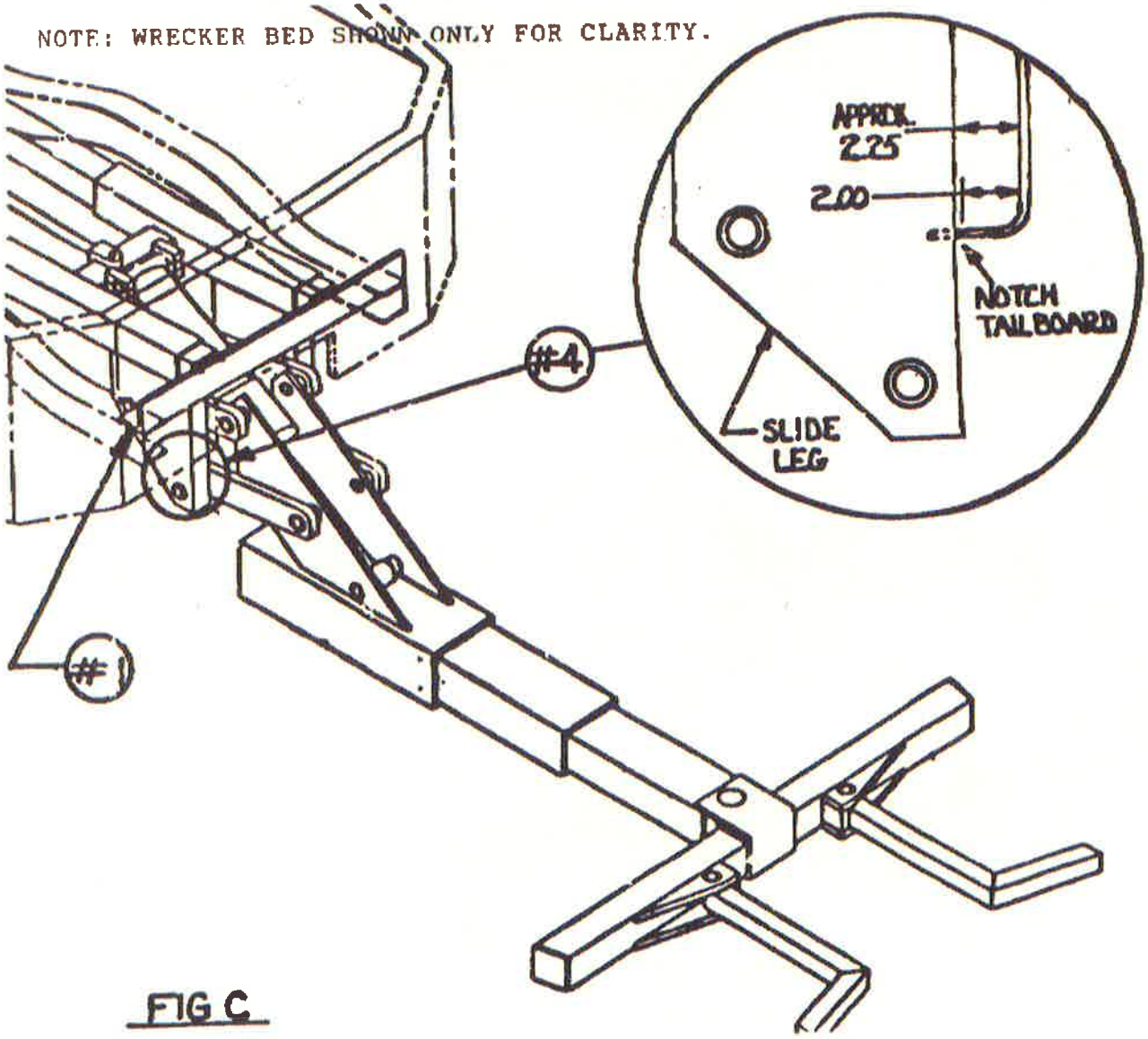
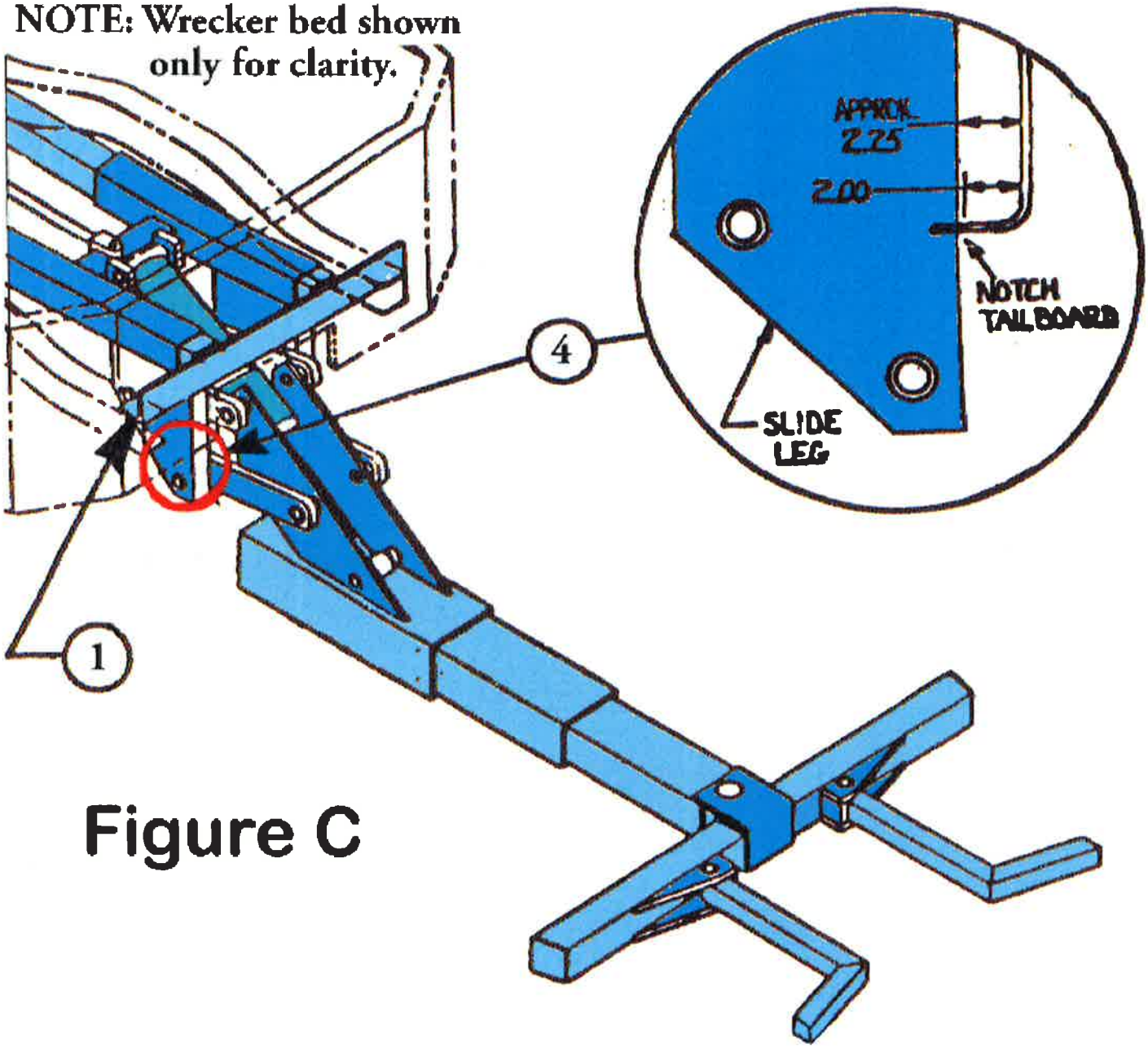


FIG C


NOTE: Wrecker bed shown only for clarity.
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NOTCH TAILBOARD
SLIDE LEG
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Figure C

REINSTALLATION OF WRECKER BED

The wrecker bed is now ready to lower back onto the truck chassis. Be sure that everything is clear when lowering the bed onto the chassis. After the bed is in place, drill 2 holes - 9/16" - through the tailboard of the wrecker bed and the rear angle mount of the wheel lift (See Figure G for approximate location of holes). After the holes are drilled, install and tighten one (1) ½" x 2" bolt, locknut, and two (2) flat washers in each hole.

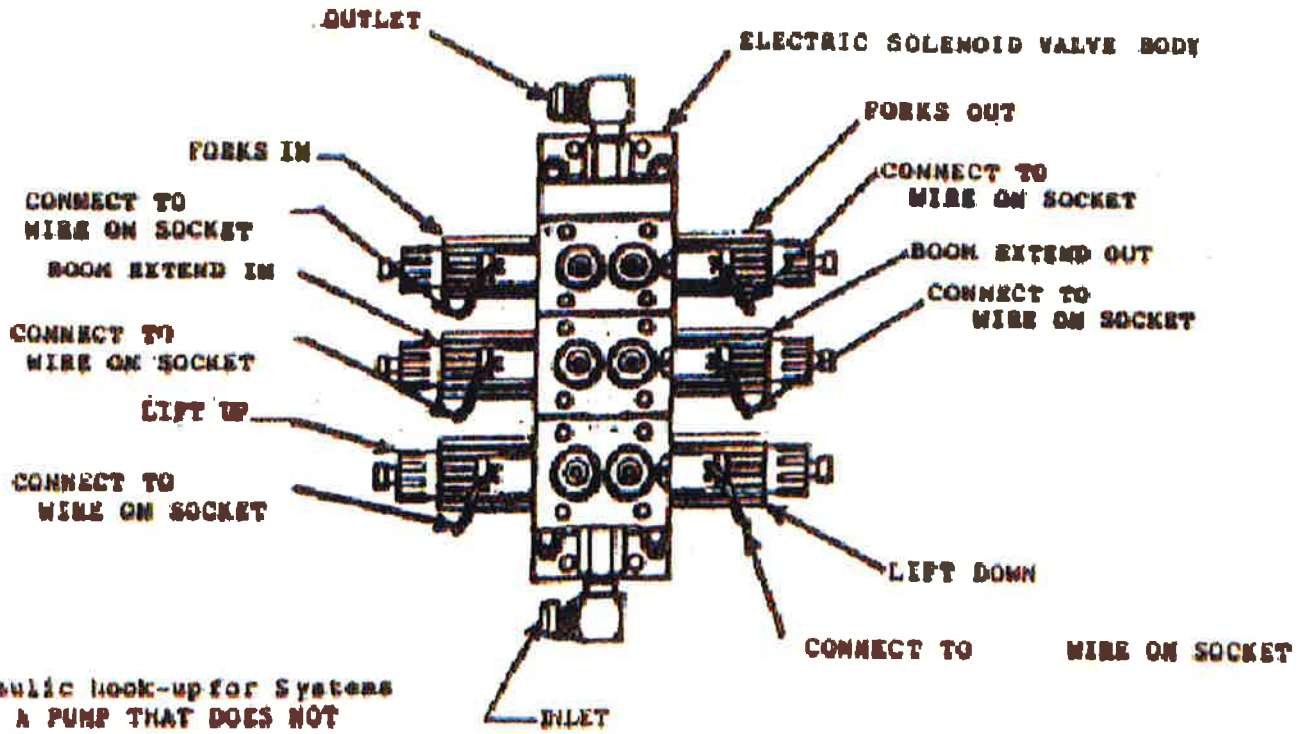
HYDRAULIC SYSTEM HOOK-UP FOR HYDRAULIC WRECKERS

Now you are ready to tie the new wheel lift valve into your existing hydraulic system. To do this, you must first disconnect the high pressure pump line from the existing valve inlet and tie this line to the inlet (port "IN" in Figure H) on the new valve. You will probably have to splice into your existing high pressure line or run a new line in order to reach the new valve. From the wheel lift valve, port "BYD" (See Figure H), run a new high pressure line back to existing valve inlet. Now run a low pressure overflow line (1" OD fitting provided) from "OUT" port to reserve tank. To accomplish this you must tee into your existing valve overflow line. In the above steps DO NOT bypass existing hydraulic filter. All new hydraulic lines must be secured to prevent any interference with the HL-4000 slide unit. Also, check and be sure that all hydraulic lines on the wheel lift itself are clear from any obstructions such as tailpipes, truck frame, differential, etc.

HYDRAULIC SYSTEM HOOK-UP FOR MECHANICAL WRECKERS

You are now ready to hook-up the hydraulic system. On mechanical wreckers, you must furnish a hydraulic power supply. This power supply can be either a clutch pump, a PTO pump, or a 12-Volt over hydraulic pump. After the hydraulic power supply has been installed, run a high pressure line from the pump outlet to the inlet (port "IN" in Figure H) on the new valve. Then run a low overflow line (1" OD fitting provided) from "OUT" port on valve to the tank (not furnished). Be sure to install a hydraulic filter in the low pressure line.
The "BYD" port on the new valve must be capped off with plug provided. All new hydraulic lines must be secured to prevent any interference with the HL-4000 slide unit. Also, check and be sure that all hydraulic lines on the wheel lift itself are clear from any obstructions such as tailpipes, truck frame, differential, etc.

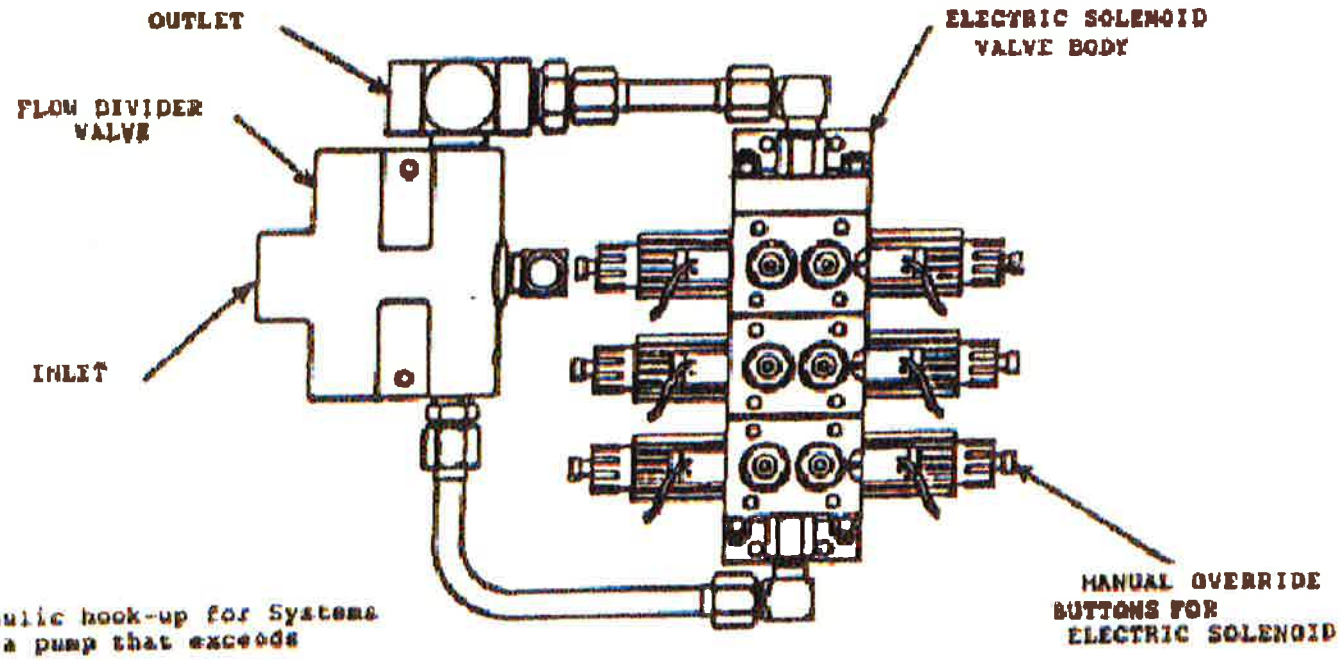
Should you need further assistance, or if you have questions regarding the installation procedures, please call our Service Dept. Improper installation will void any warranty agreement you have with HT Recovery and the HL-4000 Wheel Lift.



Hydraulic hook-up for Systems WITH A PUMP THAT DOES NOT EXCEED 7 GPM.

Hydraulic hook-up for Systems Using a Power Pak.

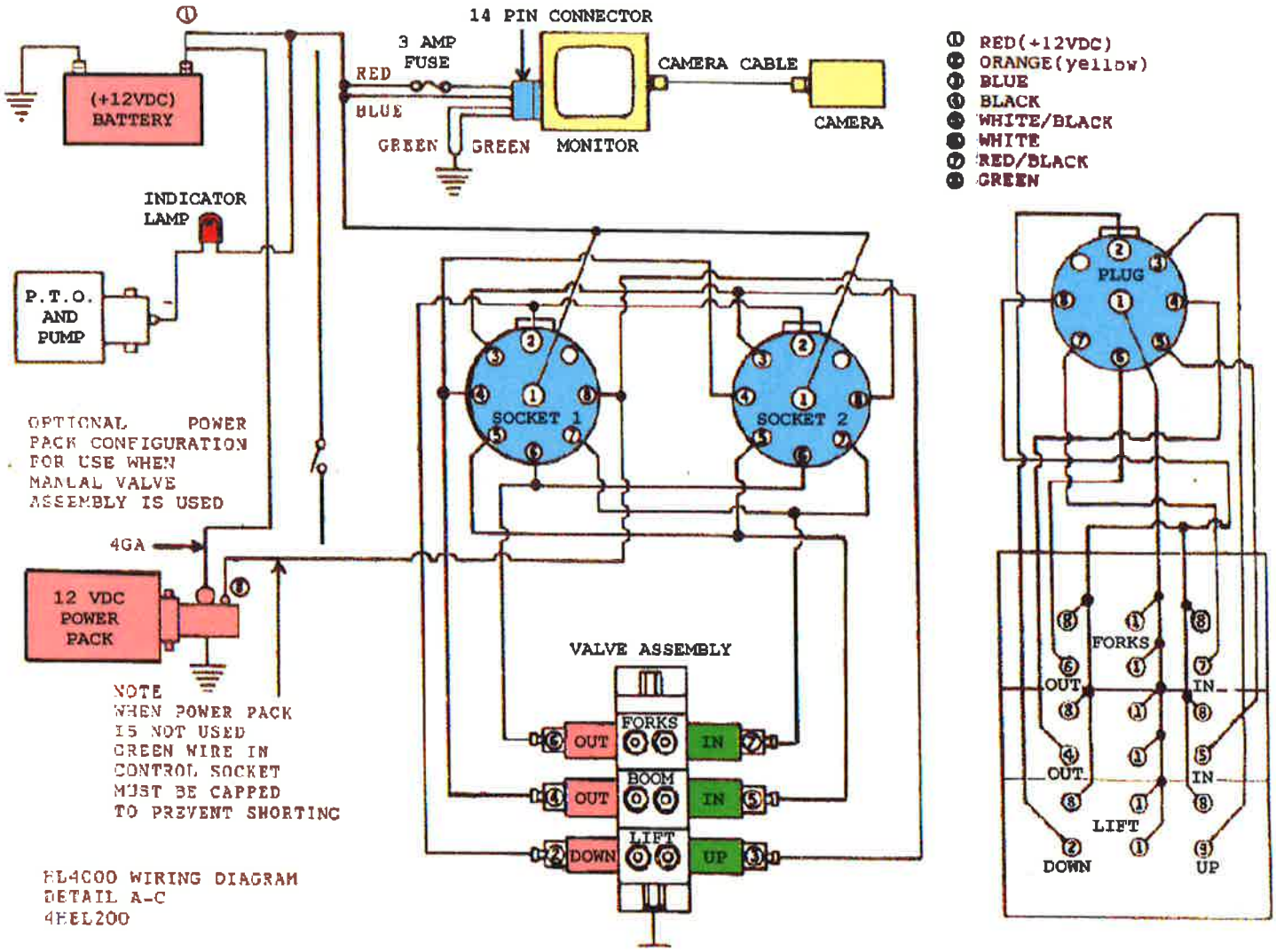
FIGURE G



Hydraulic hook-up for Systems with a pump that exceeds 7 GPM.

Wiring hook-up is the same as in Figure. G.

FIGURE H



HL4000 WIRING DIAGRAM
DETAIL A-C
4HEL200

LIMITED WARRANTY POLICY

TERMS & CONDITIONS

THIS IS YOUR LIMITED WARRANTY---PLEASE READ IT CAREFULLY

WE WARRANT, DURING THE TERM OF THIS LIMITED WARRANTY, THAT WE, IN THE EVENT THAT ANY PART OF SAID EQUIPMENT FAILS BECAUSE OF DEFECTIVE MATERIAL OR WORKMANSHIP PERFORMED BY US, SHALL ARRANGE FOR THE REPLACEMENT OF ALL COVERED PARTS UNDER THIS WARRANTY.

IF A PART BECOMES INOPERATIVE, NOTIFY YOUR DEALER/DISTRIBUTOR OR THE MANUFACTURER, DEPENDING UPON WHICH YOUR PURCHASED YOUR UNIT FROM. IMMEDIATE NOTIFICATION IS IMPERATIVE TO INSURE THE WARRANTY TERMS.

REPLACEMENT PARTS ARE SHIPPED OUR DIRECTLY TO YOU AS SOON AS POSSIBLE VIA UNTIED PARCEL SERVICE (WITHIN WEIGHT LIMIT) NEXT DAY OR SECOND DAY AIR. ALL SHIPMENTS ARE C.O.D.. WHEN YOU HAVE RETURNED THE DEFECTIVE PART(S) TO THE FACTORY WE WILL THEN INSPECT AND DETERMINE IF WARRANTY COVERAGE IS APPLICABLE. IF THE PART(S) IN QUESTION WAS MANUFACTURED BY HY-TECH RECOVERY EQUIPMENT INC., THE ENGINEERING STAFF WILL MAKE THE WARRANTY ANALYSIS/DETERMINATION. IF THE PART(S) IN QUESTION WAS SUPPLIED TO HY-TECH RECOVERY EQUIPMENT INC., FROM OUTSIDE SOURCE, THE PART(S) WILL THEN BE SENT BACK TO THAT VENDOR/SUPPLIER FOR THEIR ANALYSIS AND DIAGNOSIS. ALL FACTORY OR VENDOR/SUPPLIER DETERMINATIONS AND ANALYSIS' ARE FINAL.

WHEN IT HAS BEEN FULLY DETERMINED THAT THE PART(S) IN QUESTION ARE IN FACT COVERED UNDER WARRANTY TERMS, A CHECK WILL BE ISSUED TO YOU IN THE AMOUNT OF YOUR INITIAL PAYMENT FOR REPLACEMENT PARTS SHIPPED C.O.D.. IF LABOR IS NECESSARY FROM AN OUTSIDE SOURCE OTHER THAN HY-TECH RECOVERY EQUIPMENT INC.,. THE ESTIMATED COST MUST FIRST BE APPROVED BY HY-TECH RECOVERY EQUIPMENT INC. BEFORE SAID WORK CAN BE INITIATED. IF OWNER SO CHOOSES TO PRIOR APPROVAL FROM HY-TECH RECOVERY EQUIPMENT INC., HE DOES SO AT HIS OWN RISK AND IS RESPONSIBLE FOR ALL COSTS INCURRED.

APPROVALS FOR ANY AND ALL WARRANTY WORK, PARTS, LABOR AND OR COSTS INCURRED, WILL BE IN WRITING AND SO STATED AND AGREED TO BY ALL PARTIES INVOLVED.

HY-TECH RECOVERY EQUIPMENT INC., WILL NOT BE RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING FROM LOSS OF USE, LOSS OF TIME, INCONVENIENCE OR COMMERCIAL LOSS, AS WELL AS ABUSE, NEGLECT, ACCIDENT OR NATURAL PERILS, MODIFICATIONS OR ALTERATION FOR USE OF THE UNIT FOR WHICH IT WAS NOT ORIGINALLY DESIGNED, LOSS CAUSED BY NEGLIGENCE MISUSE OR WHILE THE EQUIPMENT IS OUT OF THE CUSTODY OF PURCHASER, DECREASE IN PERFORMANCE OF ANY COVERED PART DUE TO NORMAL WEAR AND TEAR, ANY UNAUTHORIZED REPAIRS FOR ANY MECHANICAL ALTERATIONS TO THE DESCRIBED EQUIPMENT OR ALTERATIONS NOT RECOMMENDED BY THE MANUFACTURER OR ANY MECHANICAL FAILURE IN ANY WAY RELATED TO SUCH ALTERATIONS OR MODIFICATIONS.

UNDER THIS LIMITED WARRANTY THE IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE IS LIMITED TO THE WARRANTY DURATION AS SET FORTH.

HY-TECH RECOVERY EQUIPMENT INCORPORATED

WHEEL LIFT INSTALLATION (PICKUP)

Remove rear bumper, disconnect all lights and fuel fill hoses. Remove bed. Measure and note distance between frame rails for future reference. Remove rear crossmember. Install frame reinforcements (see figure ?). Install airbag system if applicable. Prepare forward crossmember as shown in figure ?.

Lower wheel lift in place and rest on the frame of the truck as shown in figure ?. The wheel lift must be centered between the truck frame members. Make certain you have adequate clearance between truck third member and wheel lift. Re-align truck frame rails to original dimension . Then square the unit to the frame and clamp into postition. Now weld all around rear angle mount and frame rails (#1 in Figure C) . The quality of the weld should meet or exceed AWS D1.1 Structural Welding Code (this refers to making a structurally sound weld with one of the following processes: SMAW (ARC), MIG or TIG . Mount forward mounting angle as shown in figure ?. Install side mounting angles using 1/2", grade 8 bolts and nylon lock nuts.

- REINSTALLATION OF PICKUP BED - The pickup bed is now ready to lower back onto the truck chassis. Be sure that everything is clear when lowering the bed onto the chassis. After pickup bed is in place, make certain you have adequate clearance between bed floor rails and the wheel lift slide rails and slide assy. Install bed mounting bolts.

- HYDRAULIC SYSTEM HOOK-UP - ENGINE MOUNTED PUMP - Begin by connecting 1/2" high pressure line to bottom port on wheel lift valve, marked "IN". Connect other end to pump port, connect 1/2" high pressure hose to top port on wheel lift valve marked "OUT", connect other end to remote filter port marked "IN" (usually located near hydraulic reservoir), connect 1/2" high pressure line to remote filter port marked "OUT", connect other end to hydraulic reservoir. Connect 1 1/8" suction hose to hydraulic reservoir, connect other end to pump port. Note: be certain all suction line connections are air tight, this will prevent air from entering hydraulic system during use.. Fill hydraulic reservoir.

- HYDRAULIC SYSTEM HOOK-UP - 12VDC PUMP - Begin by connecting 1/2" high pressure line to bottom port on wheel lift valve, marked "IN", connect other end to pump port marked "OUT", connect 1/2" high pressure hose to top port on wheel lift valve marked "OUT", connect other end to pump port marked "IN". Fill hydraulic reservoir.

- WHEEL LIFT CONTROLS - Included with your "Sneeker" wheel lift are (1) Powercord, (1) 15 ft. pigtail (for "In Cab" operation, if desired), and (1) 4 ft. pigtail. Install pigtails, and pump wiring as shown in wiring diagram.

- INITIAL START UP - Plug powercord into control plug in rear of truck, operate controls, begining with 1.) "Lift Down" , 2.) "Ext. Out", 3.) "Forks Out" , operate wheel lift functions untill all air has escaped from hydraulic system.

- REINSTALLATION OF REAR BUMPER - Lower wheel lift, install rear bumper. NOTE: some modification of bottom of rear bumper may be nesessary to fully retract wheel lift. Small, stock bumpers work best. No "Drop Down" or "V" bumpers. Custom bumpers can be used if desired.

WHEEL LIFT INSTALLATION (WRECKER)

Lower wheel lift in place and rest on the frame of the truck as shown in Figure C. Some notching of the truck frame member on the drivers side may be necessary to provide clearance for the HL4000 valve body & hoses. The wheel lift must be centered between the truck frame members, and the rear angle mount must be even with frame ends to ensure that the mount will be flush with the inside of the wrecker tailboard. Re-align truck frame rails to original dimension (refer to item #2) . Then square the unit to the frame and clamp into postition. Now weld all around rear angle mount and frame rails (#1 in Figure C) . The quality of the weld should meet or exceed AWS D1.1 Structural Welding Code (this refers to making a structurally sound weld with one of the following processes: SMAW (ARC), MIG or TIG .

- REINSTALLATION OF WRECKER BED - The wrecker bed is now ready to lower back onto the truck chassis. Be sure that everything is clear when lowering the bed onto the chassis. after the bed is in place, drill (2) holes - 9/16" - through the tailboard of the wrecker bed and the rear angle mount of the wheel lift (refer to Figure G for approximate location of holes) . After the holes are drilled, install and tighten (1) 1/2" x 2" bolt, locknut, and (2) flat washers in each hole.

- HYDRAULIC SYSTEM HOOK-UP FOR HYDRAULIC WRECKER - Now you are ready to tie the new wheel lift valve into your existing hydraulic system. To do this, you must first disconnect the high pressure pump line from the existing valve inlet and tie this line to the inlet (port "IN" in Figure H) on the new valve. You will probably have to splice into your existing high pressure line or run a new line in order to reach the new valve. From the wheel lift valve port "BYD" (see Figure H), run a new high pressure line back to existing valve inlet. Now run a low pressure overflow line (1" OD fitting provided) from "OUT"port to reserve tank. To accomplish this you must tee into your existing overflow line. In the above steps DO NOT bypass existing hydraulic filter. All new lines must be secured to prevent any interference with the HTL4000 slide unit. Also, check and be sure that all hydraulic lines on wheel lift itself are clear from any obstruction such as tailpipes, truck frame, differential, etc.

Should you need further assistance, or if you have questions regarding the installation procedures, please call our Service Dept. Improper installation will void any warranty agreement you have with HT Recovery and the HTL4000 wheel lift.