



VENCO®

HOISTS

VP/VC-6F

INSTALLATION & OWNER'S MANUAL

Sold and Serviced by:

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VP / VC - 6F MANUAL

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-P DECALS AND PACKAGE INCLUDES:

15254	"CAUTION STAND CLEAR" DECAL	2 PCS.
416052	"CAUTION" DECAL	2 PCS.
6066	PLASTIC BAG	1 PC.
12-00075	ENVELOPE	1 PC.



MANUFACTURING, INC.

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VP / VC - 6F

DATE
10-28-05D

SUPERCEDES
10-21-05C

SECTION
-

6349

VP/VC-6F HOIST SPECIFICATIONS OVERVIEW

VP6F - Designed for '99 and newer Ford SuperDuty pickup truck frame using pickup box

VC6F - Designed for '99 and newer Ford SuperDuty pickup truck frame using contractor bed
(not using pickup box)

Hydraulic Power Unit Options

ES - Electric (12 VDC) single-acting hydraulic power unit (power up and gravity down)

ED - Electric (12 VDC) double-acting hydraulic power unit (power up and power down)

Specifications

Weight - 265 lbs (ES/ED)

Cylinder - 3-1/2" dia, 13" stroke

Operating Pressure - 2800 psi "up" (ES/ED) and 650 psi "down" (ED only)

Capacity ▲

VP - 6000 lb (suggested maximum capacity for pickup box)

VC - Refer to the following chart:

PLATFORM AND DUMP APPLICATIONS

LENGTH	CA	OVERHANG	CAPACITY AT 40°
7'	56"	0"	3.43 TONS
8'	56"	10"	3.79 TONS
9'	56"	22"	4.50 TONS

•Cab to axle dimensions may differ resulting in a change in capacities shown.

•Capacities include weight of body which must be deducted to determine payload.

Caution - Weight of chassis combined with weight of body, hoist and payload cannot exceed GVWR or GAWR of truck.

IMPORTANT: To avoid costly delays in installation and improper operation, read and understand this manual in its entirety before proceeding.

WARNING: Whenever work or maintenance is performed on a truck under a raised body, always remember to prop the body up with the optional safety prop (40042) or another safe method to avoid injury from the body inadvertently falling.

WARNING: To prevent damage to the truck's electrical system, disconnect the positive battery cable and alternator when arc welding on the truck.



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TITLE
SPECIFICATIONS

VP/VC-6F

DATE
9-26-02C

SUPERCEDES
1-19-99B

SECTION
H100

6339

VP/VC-6F INSTALLATION INSTRUCTIONS

VP-6F (PICKUP BED) INSTALLATION

1. Initial Disassembly

- a. Remove pickup bumper.
- b. Disconnect gas filler neck from the gas cap assembly and seal the neck to prevent the escape of gas vapor. Be sure to attach a ground strap from top of gas filler neck to existing gas tank ground. Cover gas tank(s) and filler neck(s) with a nonflammable material before proceeding.
- c. Remove six bed bolts (T-50 Torx) from pickup bed (box) and set it, cab side down, in an upright position. Save the fasteners.
- d. Remove the rear-most U-nuts from the bed (these will be used in the rear hinge installation).
- e. Plug the four forward bed bolt holes using the supplied 1" hole plugs. Leave the two rearward bolt holes unplugged.

2. Pickup Bed Modification (Gas Cap/Dish and Exhaust Shield Removal)

Reference Drawing(s): 6343

- a. Center punch and drill (1/4") out the four spot welds which attach the gas cap and dish assembly to the pickup bed and separate the gas cap and dish from the bed.
- b. Paint (and plug if desired) the four holes in the pickup bed to prevent corrosion.
- c. Remove the portion of the exhaust shield located between the second and third bed cross members (from the front of the bed).

3. Rear Hinge Installation

Reference Drawing(s): 6341, 6342

- a. Find the two shortest bed bolts (should be 4" long) and cut off 5/8" (the non-threaded zone).
- b. Install the two bed U-nuts on the upper rear hinge.
- c. Bolt the lower rear hinges to the truck frame (no modification of the frame is required), making sure that the hinges are square with respect to the truck frame (and each other).
- d. Secure the upper rear hinge (with collars on the side of the plates facing inboard toward the center of the frame) to the rear bed channel using the two modified bed bolts. Secure the other end of the upper rear hinge to the first bed cross member from the rear by drilling the channel and using the supplied 1/2" x 1-1/2" bolts, flat washers, lock washers, and nuts. Be sure that the upper hinge is mounted square with the bed cross members.



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TITLE
INST INSTRUCTIONS

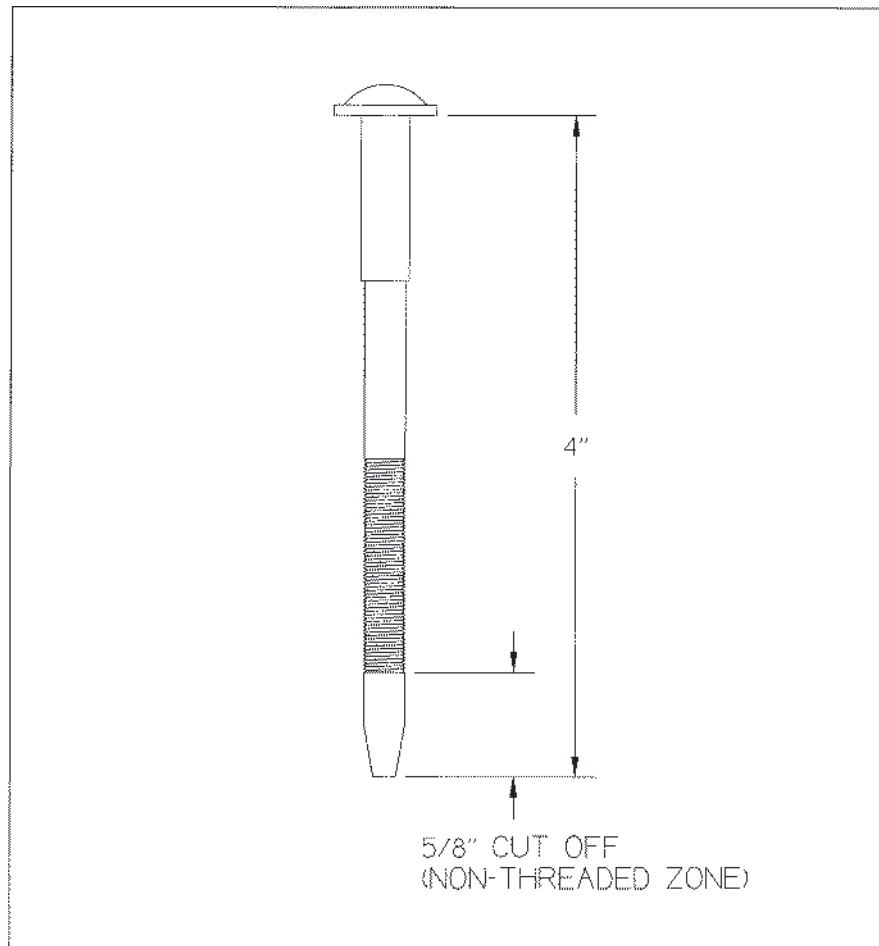
VP/VC-6F

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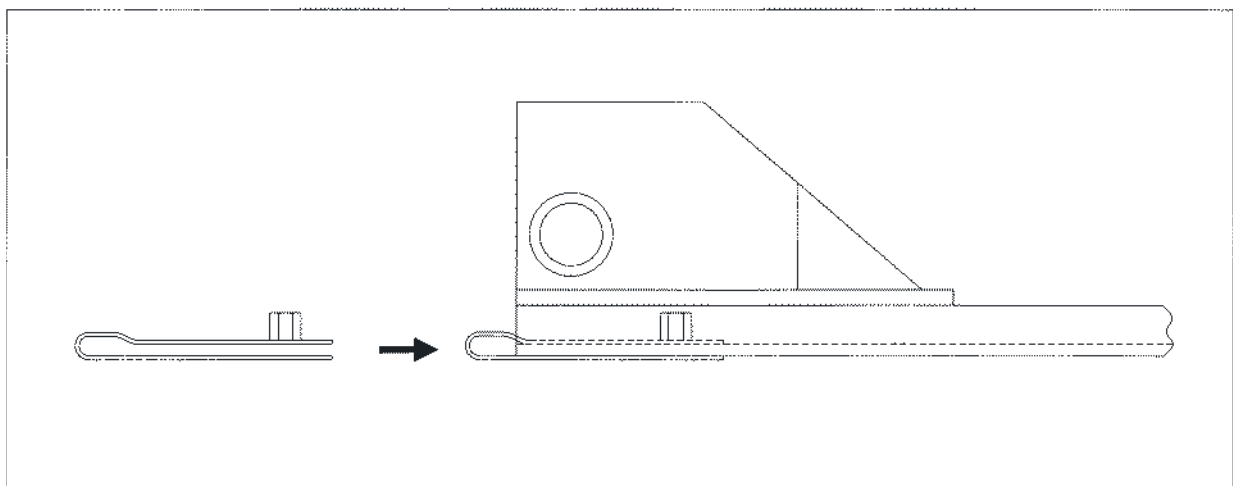
SUPERCEDES
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6340a



BED BOLT MODIFICATION



U-NUT INSTALLATION ON UPPER REAR HINGE



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TITLE
ILLUSTRATIONS

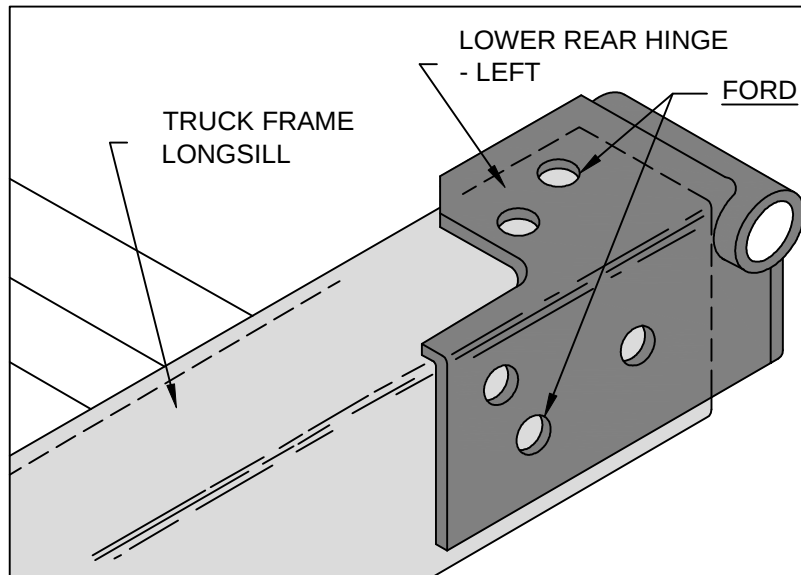
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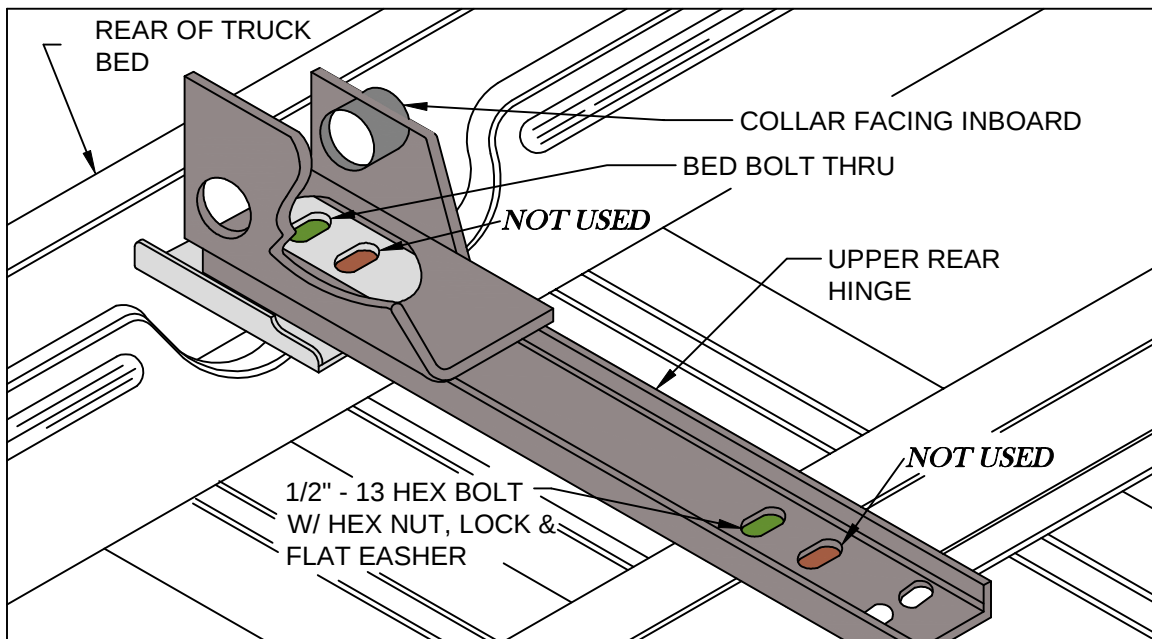
SUPERCEDES
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H200

6341



LOWER REAR HINGE INSTALLATION (LEFT / DRIVER SIDE SHOWN) ▲



UPPER REAR HINGE INSTALLATION (LEFT / DRIVER SIDE SHOWN) ▲



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ILLUSTRATIONS

VP / VC - 6F

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01-14-13D

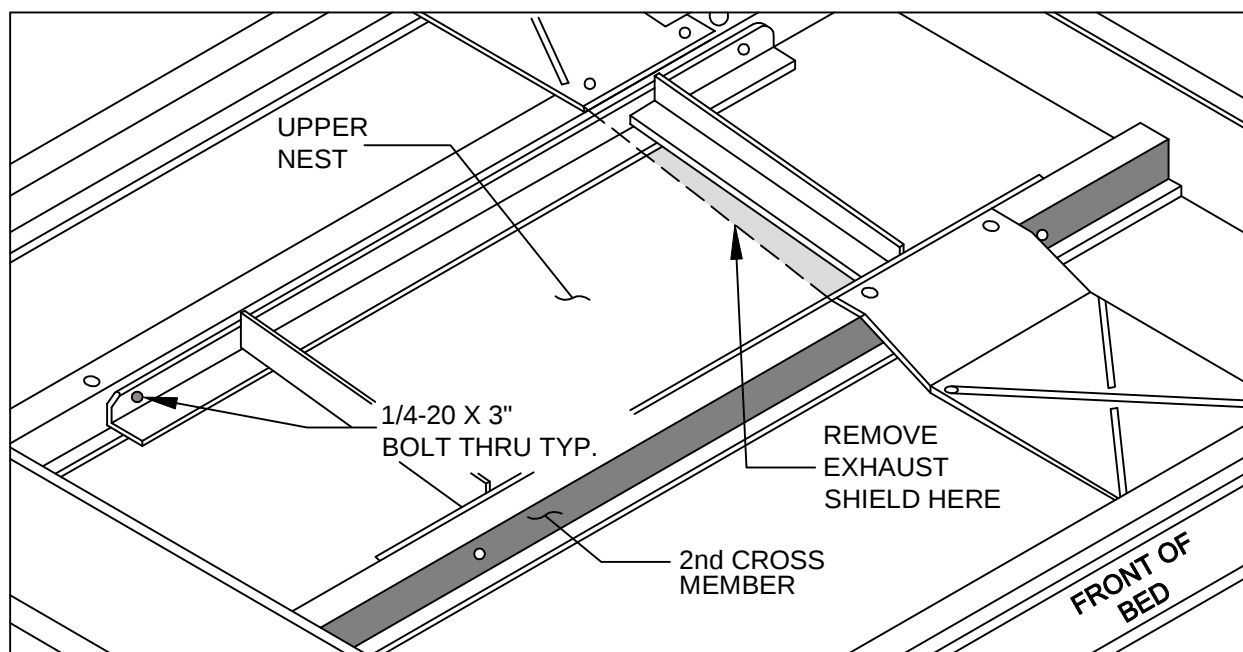
SUPERSEDES

08-22-12C

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H200

6342



UPPER NEST INSTALLATION



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CINCINNATI, OHIO

TITLE

UPPER NEST INST.

VP / VC - 6F

DATE

01-14-13B

SUPERSEDES

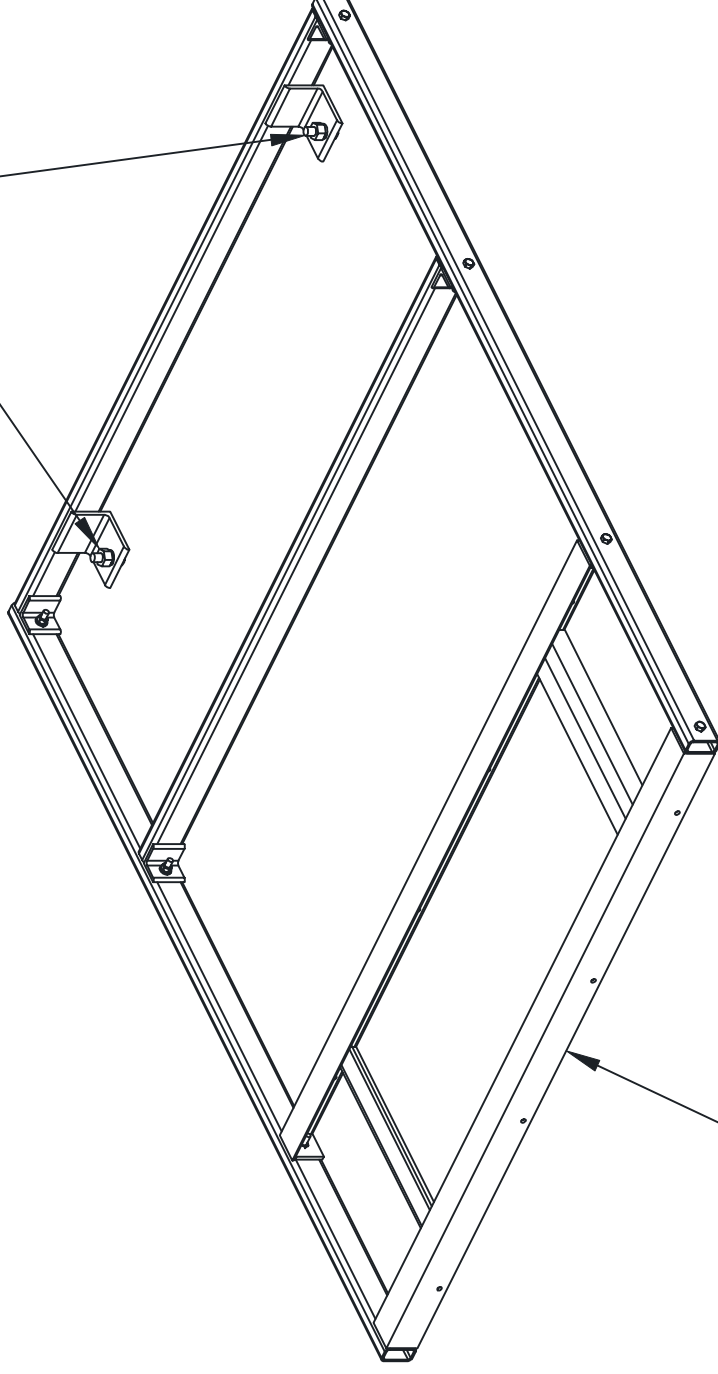
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H200

6343

**REAR HINGE
ATTACHMENT
POINTS**



UPPER NEST



TITLE

LONGITUDINAL SUPPORT INSTALLATION

VP-6F

DATE

12-8-03

SUPERSEDES

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H200

6353

4. Base Mounting Plate Assembly Installation

Reference Drawing(s): 6350

- a. Remove the exhaust shield brace from the frame cross member. The hole in the frame cross member will be used for mounting the reinforcing arm.
- b. Remove the 7/8" flange extension from the rear flange of the frame cross member.
- c. Align the hole in the channel of the reinforcing arm with the hole in the frame cross member. Install the 1/2" x 1-1/2" bolt, washers and nut and secure the reinforcement arm to the frame cross member.
- d. Position the base mounting plate assembly on the cross member such that the tab from it and the tab from the reinforcing arm align.
- e. Secure the reinforcement arm to the base mounting plate assembly using the provided 1/2" x 1-1/2" bolt, flat and lock washers, and nut.
- f. Using the base mounting plate as a guide, drill (four places) the flanges of the frame cross member.
- g. Install the 1/2" bolts, flat washers, lock washers, and nuts (four places) to secure the base mounting plate assembly to the frame cross member.

5. Upper Nest Pivot Assembly Installation

Reference Drawing(s): 6352

- a. Slide the shaft collars (2" OD x 1-1/2" ID x 1/2") over each side of the upper pivot shaft (part of the hoist upper arm).
- b. Slide the upper nest pivot assemblies onto each side of the upper pivot shaft. Orient the upper nest pivots assemblies as shown in the illustration.

6. Bed (Box) Installation

- a. Reinstall the pickup bed on the pickup chassis. Install rear hinge pivot pins with heads on ▲ outside. Install the 1/4" x 1-3/4" roll pins through the collar (on the inboard side of the upper rear hinge) and the hole in the hinge pin.
- b. Tighten all fasteners on the upper and lower rear hinge before continuing.



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INST INSTRUCTIONS

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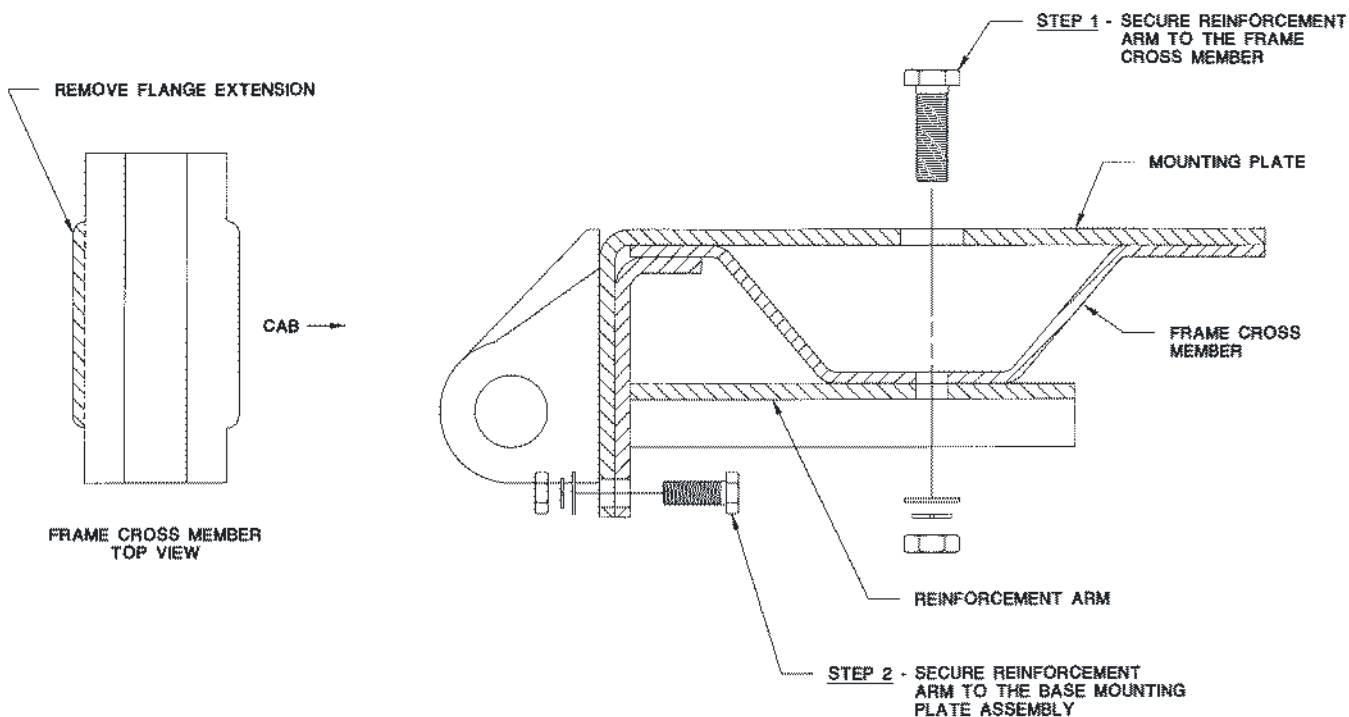
SUPERCEDES

9-28-98A

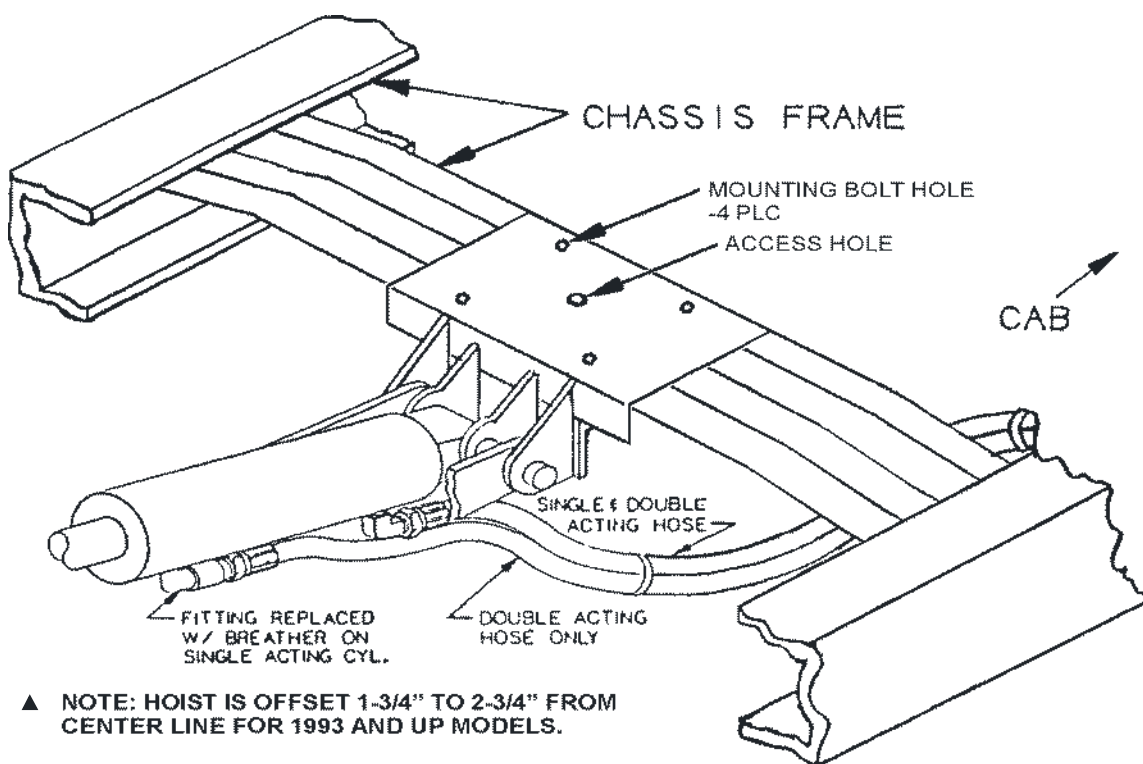
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6340b



FRAME CROSSMEMBER MODIFICATION/REINFORCEMENT ARM INSTALLATION



MOUNTING PLATE ASSEMBLY INSTALLATION



MANUFACTURING, INC.

TITLE
ILLUSTRATIONS

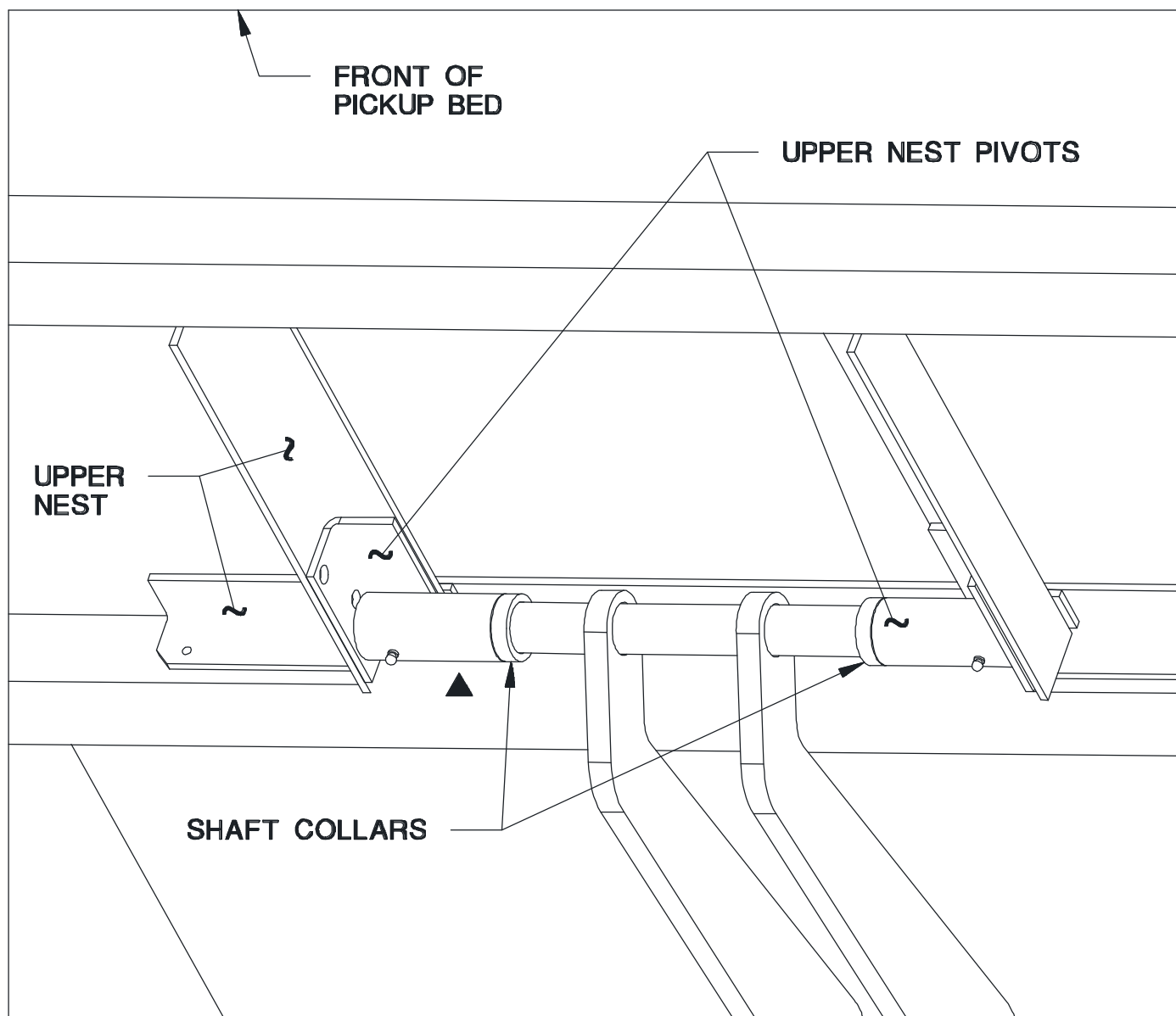
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11-9-05B

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6350



NEST PIVOT INSTALLATION



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TITLE

ILLUSTRATIONS

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1-4-00B

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7-27-98A

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6352

7. Installing Upper Nest and Upper Nest Pivots

Reference Drawing(s): 6343 (see previous page), 6352 (see previous page), 6354

- a. Locate (Do not secure) the upper nest on the underside of the pickup bed between the second and third cross members. Be sure that the upper nest is free to slide left and right between the second and third bed cross members - it will be permanently secured later in the installation procedure.
- b. Use the adjusting bolts in the hoist main frame to angle the hoist "knuckle" as high as possible without lifting the bed. This maximizes the clearance between differential and the hoist.
- c. Activate hoist "up" slowly until the upper nest pivots make contact with upper nest assembly. The upper nest may need to be offset slightly from the centerline of the bed to properly align.
- d. **WARNING:** Be sure you have followed the precautions of instruction 1.b. prior to welding.
- e. Square up bed with the cab/frame of truck then spot weld the upper nest pivots to the upper nest.
- f. Push the shaft collars on the upper shaft against the upper nest pivot. Spot weld the inside of the collar to the pivot shaft - repeat for other side.
- g. Raise the hoist and prop body safely in "up" position.
- h. Secure the front flange of the upper nest assembly to the second cross member by drilling 1/4" holes in the bed cross member and by using 1/4"-20 x 3" bolts, lock washers, flat washers, and nuts. Using the same hardware (after drilling the necessary holes), attach the rear flange of the upper nest assembly to the third cross member. Note: Be sure that the upper nest is flush against the underside of the bed before drilling holes through the bed channels.
- i. Complete welding (solid) of the upper nest pivot assemblies and the shaft collars.

8. Plastic Pad Installation

- a. The plastic pads are intended to provide support and fill the space between the bed cross members and the frame rails.
- b. The plastic pads are centered over the existing bed bolt holes and are secured using 1/4" x 2" self tapping Torx head screws.
- c. The plastic pads should be located on the third or forth bed cross member (from the front) and on the first or second bed cross member (from the front).



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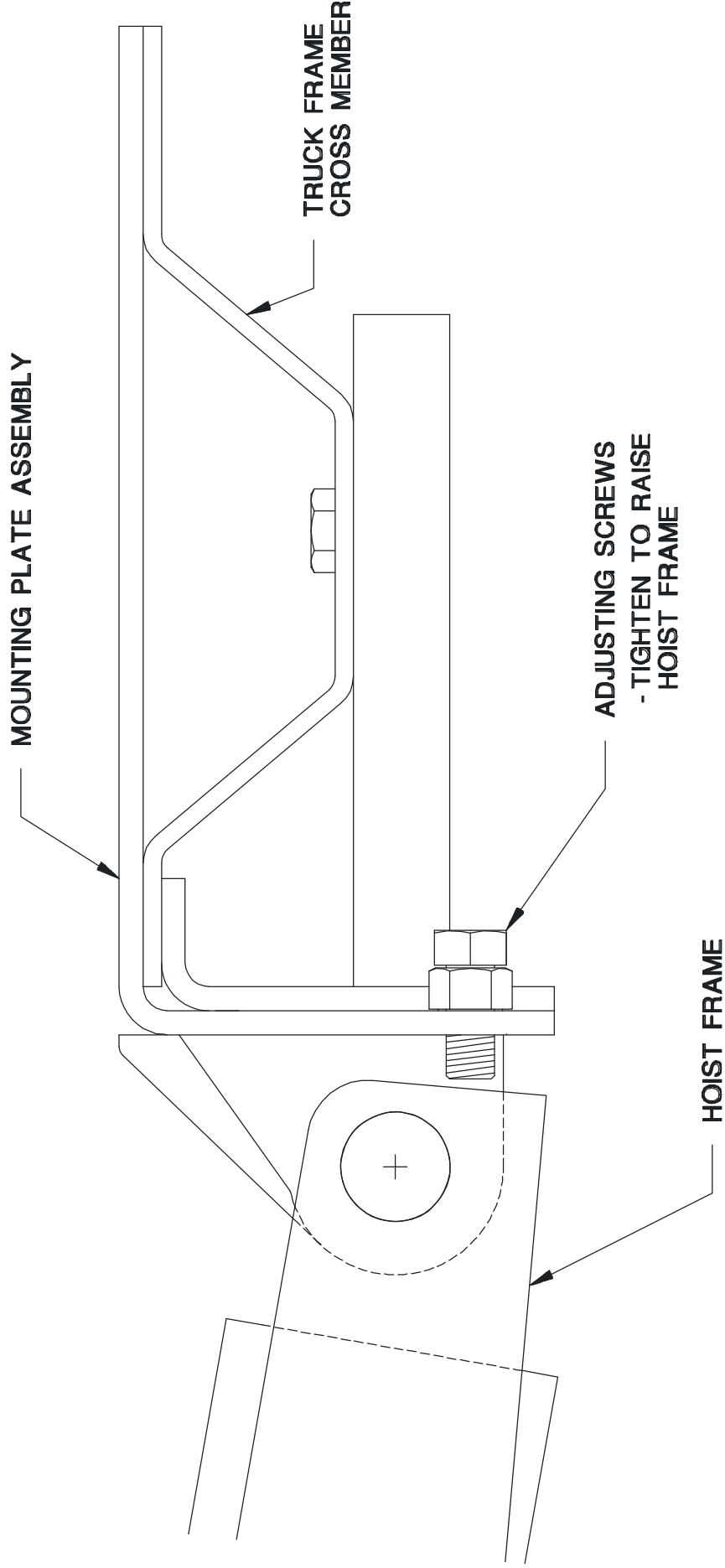
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6340c



 Venco MANUFACTURING, INC.	TITLE ADJUSTING SCREWS FOR HOIST POSITIONING		DATE 9-28-98A	SECTION H200
	VP/VC-6F		SUPERSEDES 5-12-98	6354

9. Hydraulic Power Unit Installation

Reference Drawing(s): 416140, 6133B, 6096

IMPORTANT: Be sure to blow dirt and other material out of the hose(s) with compressed air to prevent the hydraulic system from being contaminated.

ES (Electric Single Acting) Power Unit

- Install 40226 breather into rod-end port of cylinder.
- Mount power unit to truck frame with 3/8"-16 bolts, 3/8" lock washers and washers on inside of truck frame to prevent interference with side of truck bed.
- Install hose to the full/base end of cylinder.
- Be sure hoses are not crimped, and use cable ties to secure hoses in a safe manner between cylinder and power unit.
- Check hydraulic fluid level in power unit reservoir. If fluid is required, use Dextron II - ATF, mobile DTE 13 or equivalent. Fill 3/4" from the top of the reservoir.

ED (Electric Double Acting) Power Unit

- Install the short hydraulic hose to the full/base end of the cylinder. Connect the long hydraulic hose to the rod end of the cylinder. Direct hoses to the right of the frame.
- Install the ED Power Unit on the outside of the frame just forward of the right rear front spring hanger. Put 1/2" pipe spacers 1-1/4" long between frame and power unit, if required. Bolt through frame and pipe into side of power unit - use 3/8"-16 bolts, 3/8" washers and lock washers (2 each required). Be sure not to drill through cables running on inside of truck long-sills.
- Connect the short hose (from the base end of the cylinder) to the high pressure port of the hydraulic power unit. Connect the long hose (from the rod end) to the low pressure port of the hydraulic power unit.
- Be sure hoses are not crimped, and use cable ties to secure hoses in a safe manner between cylinder and power unit.
- Check hydraulic fluid level in power unit reservoir. If fluid is required, use Dextron II - ATF, mobile DTE 13 or equivalent. Fill 3/4" from the top of the reservoir.

10. Dash Control Switch Installation

Reference Drawing(s): 40124, 6133B, 6096

- Install dash mounting plate under the dash in a convenient location for operator control. Use the #12 pan head slotted screws (1/2" long) furnished in kit.
- Install switch in switch plate using lock nut.
- Install switch extension onto toggle switch.
- Connect center post of switch to the 20 amp in-line fuse. Connect fuse to hot lead under dash.
- Connect the 16/2 SJO Cable in the following manner:
 - Connect one wire lead to top pole, and the other lead to the lower pole of switch. Run cable to the power unit. Noting the wire color that has been attached to the top switch pole, attach the same color wire to the small post on the power unit solenoid.
 - Single Acting - see Drawing 6133B. The wire from the bottom of switch should be connected to the valve body post on the power unit.
Double Acting - see Drawing 6096.



MANUFACTURING, INC.

TITLE

INST INSTRUCTIONS

VP/VC-6F

DATE

4-23-98

SUPERCEDES

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SECTION

H200

6340d

HOIST MODEL(S)

ES/ED Hyd Pwr Unit Part Number	6426 / 6425	40058M / 416081M	VC416, TRL416	VC516, TRL516	VC520, TRL520	VC620, TRL620	VC628, TRL628
Reservoir Capacity (Quarts)	3.4 / 3.4	4.6 / 3.4	4.6 / 3.4	4.6 / 3.4	4.6 / 3.4	5.4 / 3.4	5.4 / 3.4
Total Hydraulic Fluid Required (Quarts)	4	4	6	8	9	12	15

Step 1 Attach base-end hose to cylinder. Do NOT attach the Rod-end hose at this time.

Step 2 Fill the hydraulic reservoir as recommended below. Use only hydraulic fluid - Tellus 32 or equivalent is recommended.

2a With the hoist in the down position, add the indicated amount (Quarts) of hydraulic fluid.

2b Raise hoist one-quarter of the way (approximately 12° dumping angle) and add the indicated amount (Quarts) of hydraulic fluid.

2c Raise hoist one-half of the way (approximately 22-25° dumping angle) and add the indicated amount (Quarts) of hydraulic fluid.

2d Raise hoist three-quarters of the way (approximately 36° dumping angle) and add the indicated amount (Quarts) of hydraulic fluid.

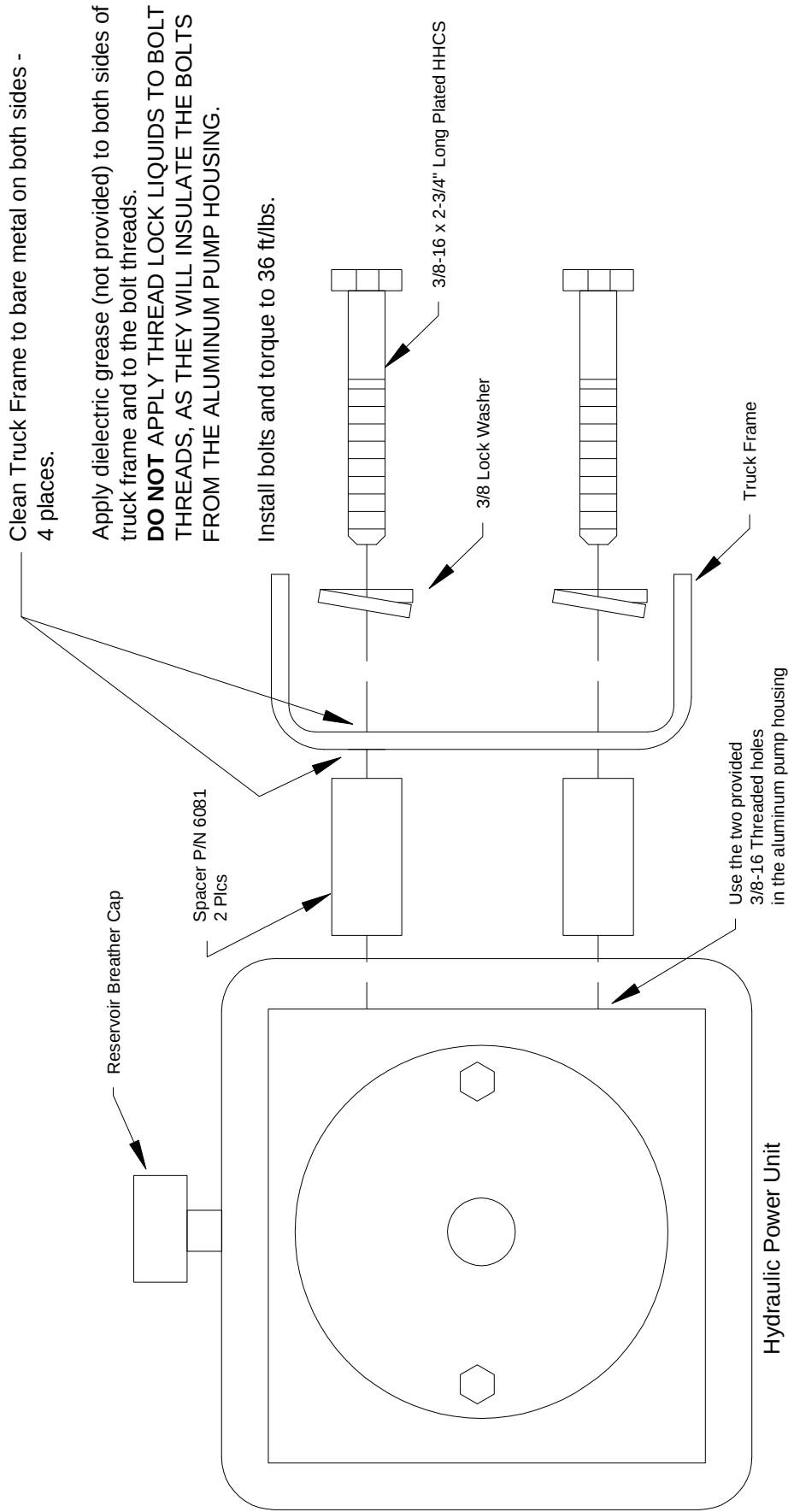
2e Raise hoist completely (45-50° dumping angle) and add the indicated amount (Quarts) of hydraulic fluid. DO NOT "TOP OFF" or you will likely have overflow when the hoist is lowered.

Step 3 Attach the remaining hose to the Rod-end of they cylinder (not req'd on VP/VC6 & TRL313 hoists w/ ES hyd pwr unit)

 VENCO MANUFACTURING, INC.	TITLE			DATE			SECTION
	FILLING HYDRAULIC RESERVOIR			6-16-05C			-
VP/VC6-628, TRL313-628			SUPERSEDES			416140	

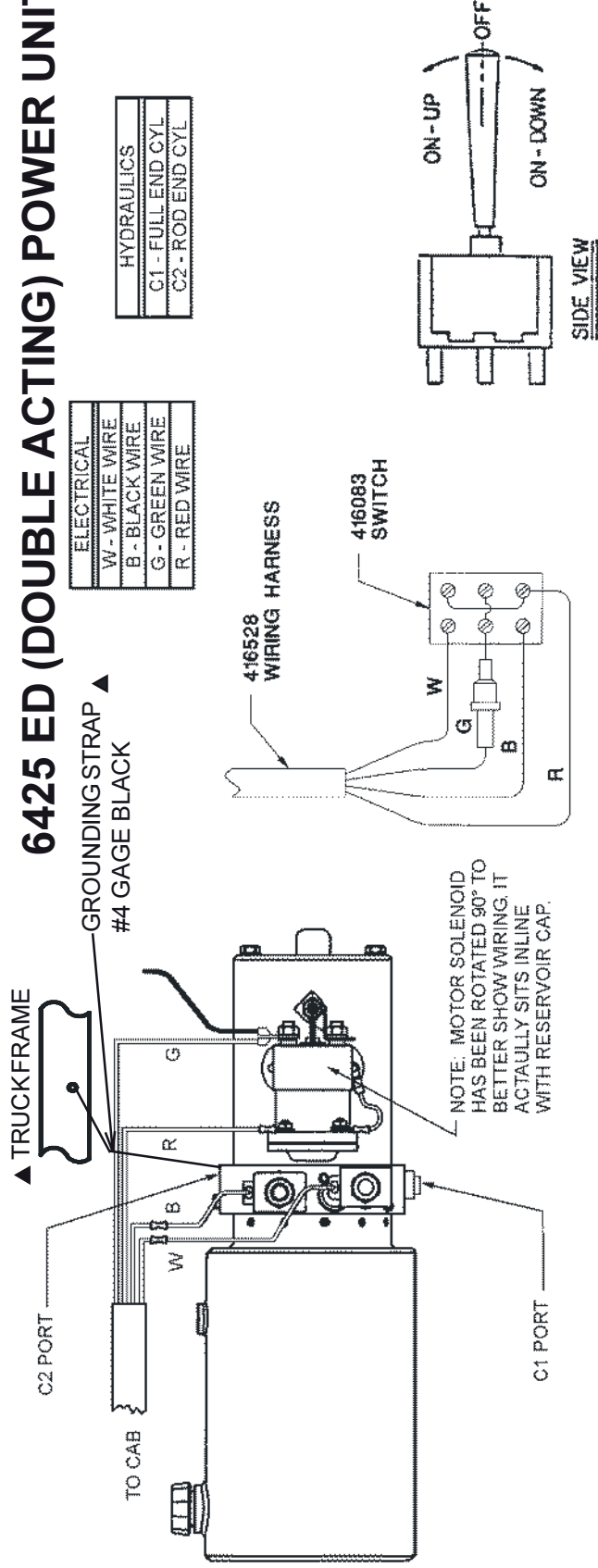
PROPER GROUNDING OF HYDRAULIC POWER UNIT

NOTE: Hydraulic power units WILL run with a poor ground connection, BUT the service life of the motor and control valve coils WILL be greatly reduced unless a proper ground connection is made - see illustration below. The mounting instructions below will provide an "adequate ground". In addition, for the best ground configuration, consider our optional Ground Strap Kit P/N 6474.

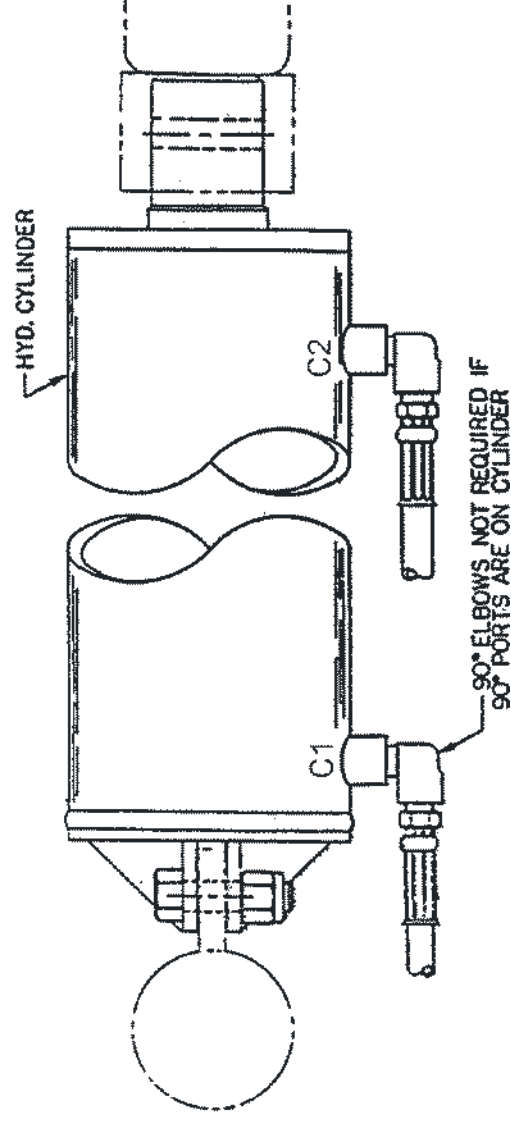


	VENCO VENTURO INDUSTRIES LLC CINCINNATI, OHIO	TITLE HYDRAULIC POWER UNIT GROUNDING		DATE 03-17-14A	SECTION -
		ALL APPLICATIONS		SUPERSEDES 06-03-05	63668

6425 ED (DOUBLE ACTING) POWER UNIT



NOTE: ENERGIZING 'B' COIL SENDS FLOW TO 'C1' PORT
ENERGIZING 'W' COIL SENDS FLOW TO 'C2' PORT



VENCO MANUFACTURING, INC.

TITLE
6425 ED POWER UNIT

VP6S

DATE

12-1-04B

SECTION

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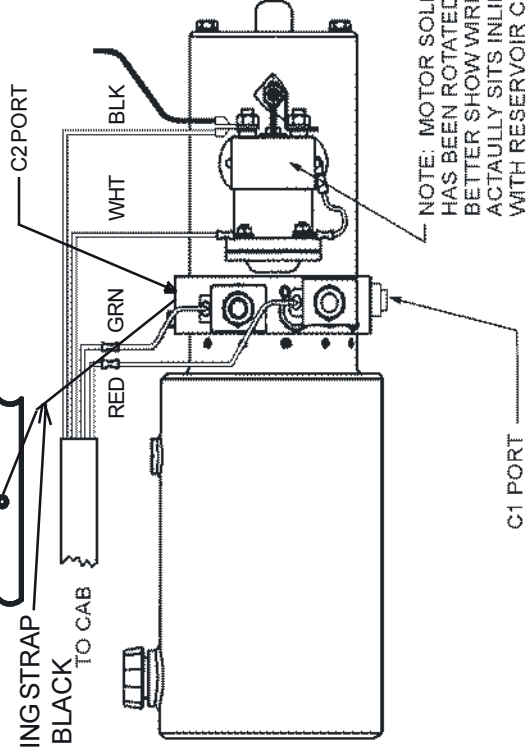
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10-27-00A

6493

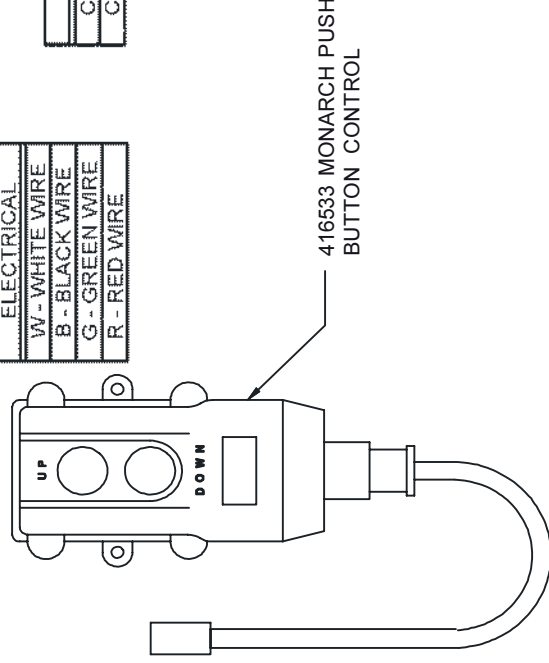
6425 ED WITH MONARCH PUSH BUTTON CONTROL

▲ TRUCK FRAME
▲ GROUNDING STRAP
#4 GAGE BLACK
TO CAB

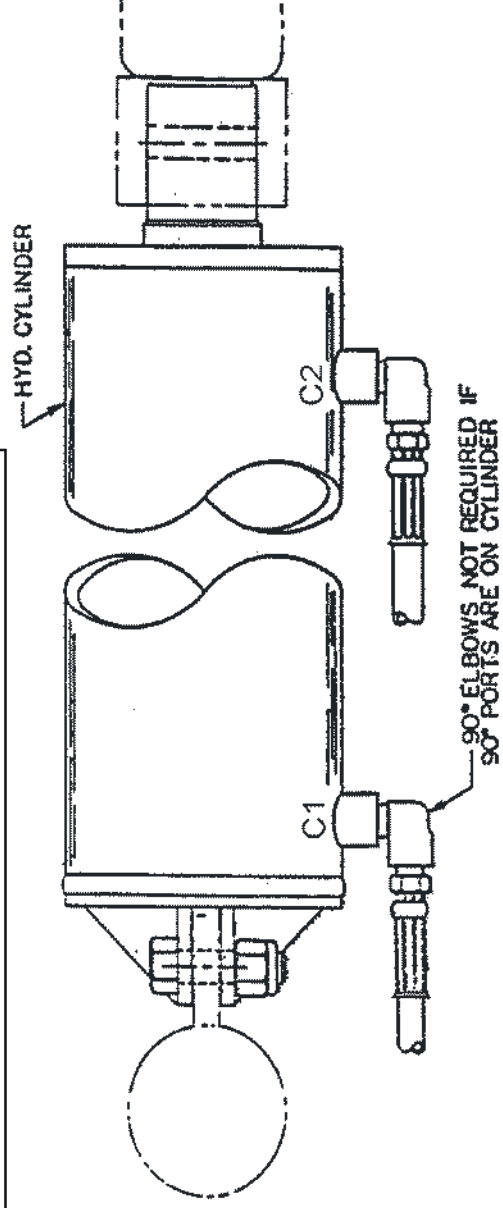


ELECTRICAL	
W - WHITE WIRE	
B - BLACK WIRE	
G - GREEN WIRE	
R - RED WIRE	

HYDRAULICS	
C1 - FULL END CYL	
C2 - ROD END CYL	



NOTE: ENERGIZING 'G' COIL SENDS FLOW TO 'C1' PORT (HOIST UP)
ENERGIZING 'R' COIL SENDS FLOW TO 'C2' PORT (HOIST DOWN)



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TITLE
6425 ED POWER UNIT

VP6S

DATE
12-1-04C

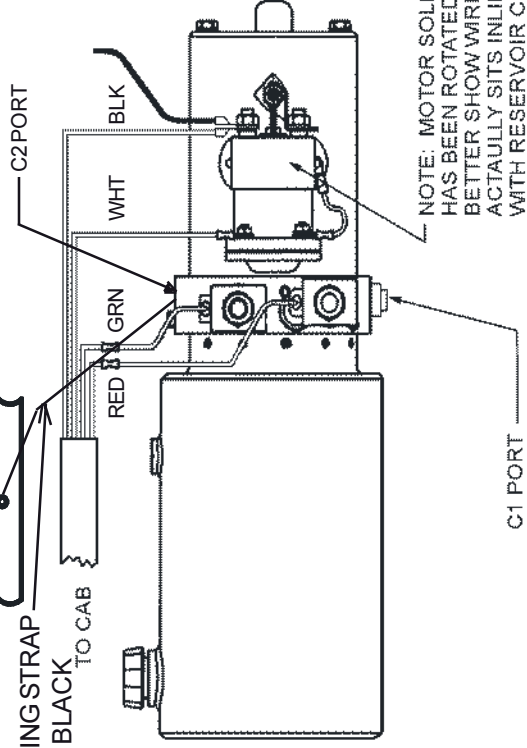
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SUPERCEDES
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6500

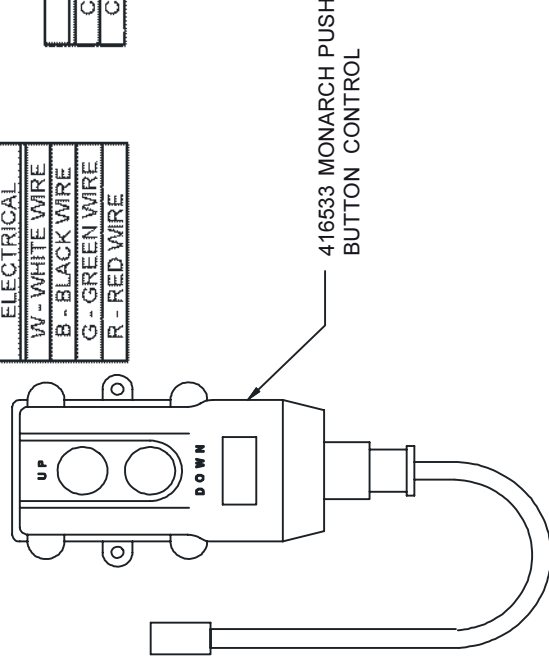
6425 ED WITH MONARCH PUSH BUTTON CONTROL

▲ TRUCK FRAME
▲ GROUNDING STRAP
#4 GAGE BLACK
TO CAB

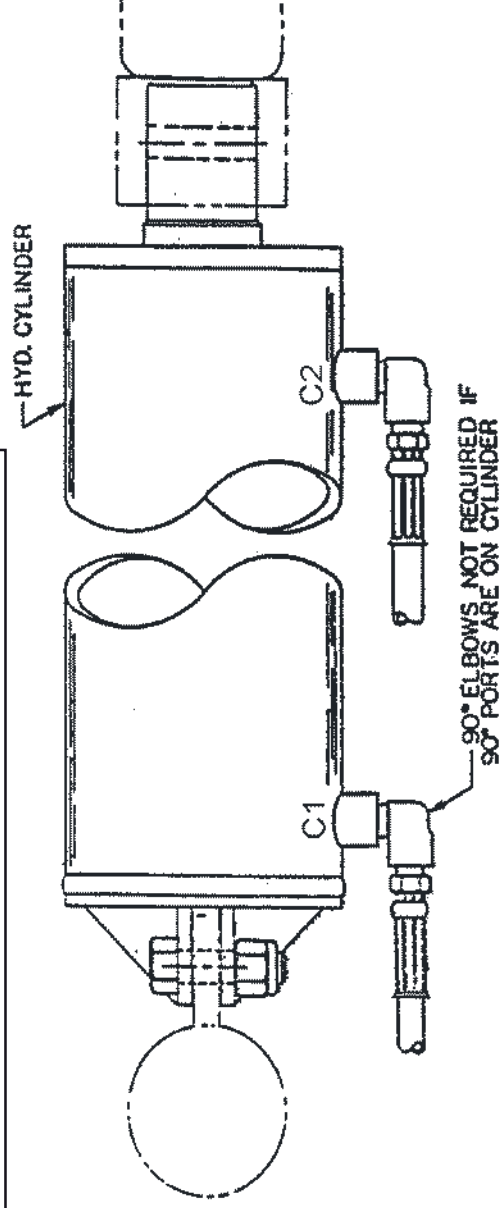


ELECTRICAL	
W - WHITE WIRE	
B - BLACK WIRE	
G - GREEN WIRE	
R - RED WIRE	

HYDRAULICS	
C1 - FULL END CYL	
C2 - ROD END CYL	



NOTE: ENERGIZING 'G' COIL SENDS FLOW TO 'C1' PORT (HOIST UP)
ENERGIZING 'R' COIL SENDS FLOW TO 'C2' PORT (HOIST DOWN)



VENCO MANUFACTURING, INC.

TITLE
6425 ED POWER UNIT

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VP6S

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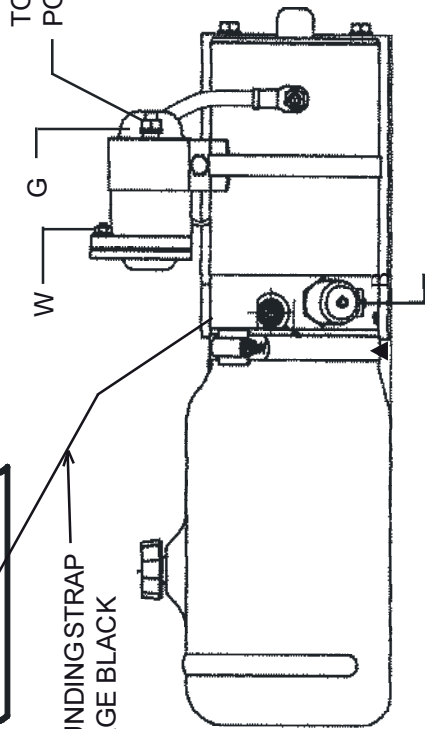
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6426 ES (SINGLE ACTING) POWER UNIT

▲ TRUCKFRAME

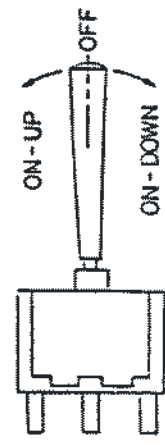


▲ GROUNDING STRAP
#4 GAGE BLACK

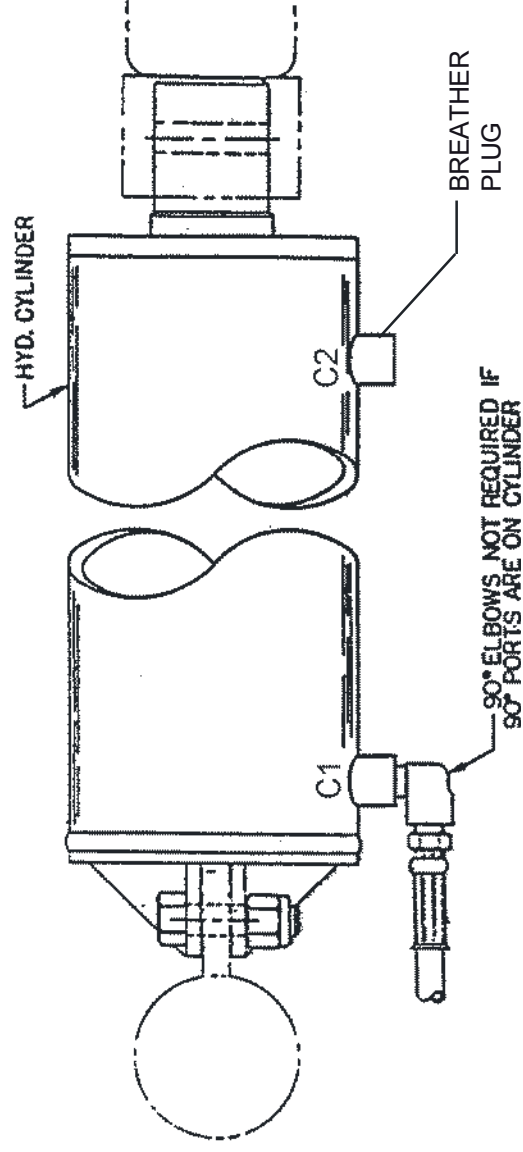


ELECTRICAL	
W - WHITE WIRE	
B - BLACK WIRE	
G - GREEN WIRE	

HYDRAULICS	
C1 - FULL END CYL	
C2 - ROD END CYL	

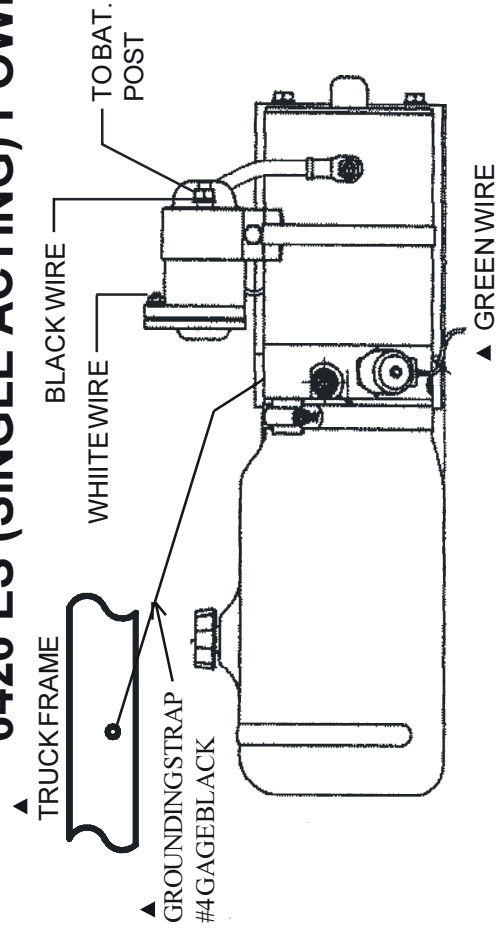


NOTE: ENERGIZING 'B' COIL RELEASES 'C1' PORT
ENERGIZING SOLENOID COIL SENDS FLOW TO 'C1' PORT



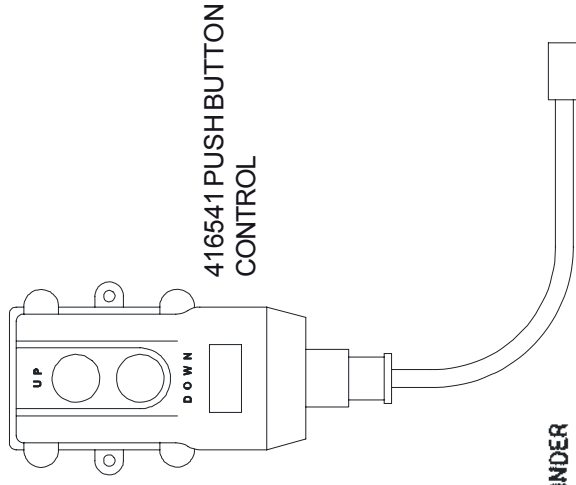
 VENCO MANUFACTURING, INC.	TITLE 6426 ES POWER UNIT		DATE 12-1-04C	SECTION -
	VP6S		SUPERCEDES 8-2-01B	6506

6426 ES (SINGLE ACTING) POWER UNIT

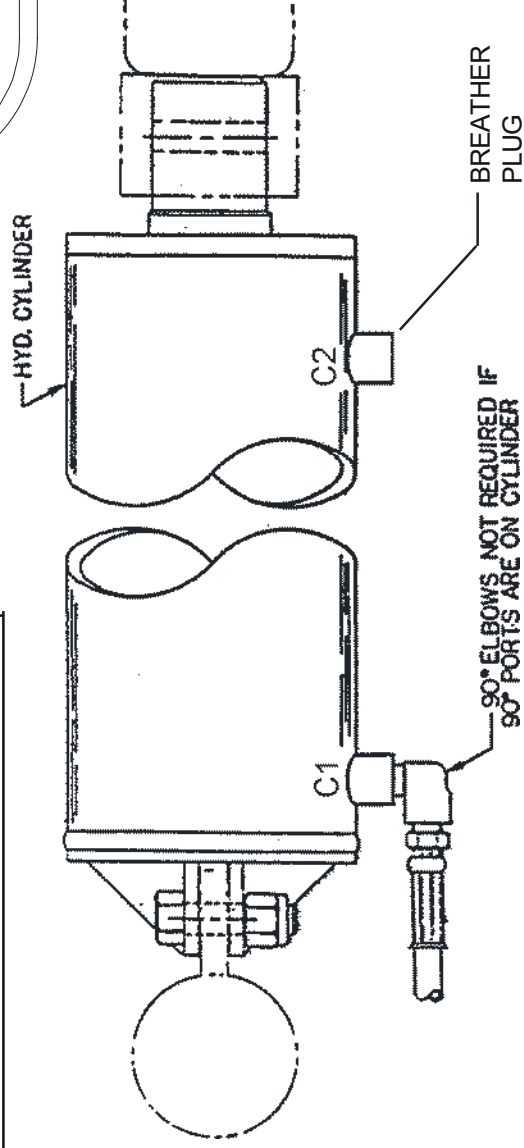


ELECTRICAL
W - WHITE WIRE
B - BLACK WIRE
G - GREEN WIRE

HYDRAULICS
C1 - FULL END CYL
C2 - ROD END CYL



NOTE: ENERGIZING 'B' COIL RELEASES 'C1' PORT
ENERGIZING SOLENOID COIL SENDS FLOW TO 'C1' PORT



VENCO MANUFACTURING, INC.

TITLE
6426 ES PWR UNIT W/ PUSHBUTTON INST.

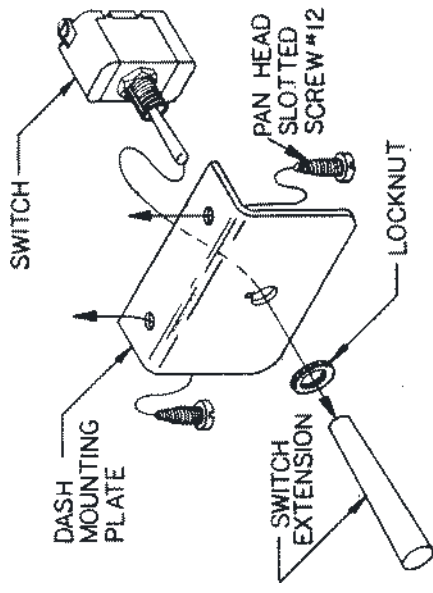
DATE
12-1-04C

SECTION
-

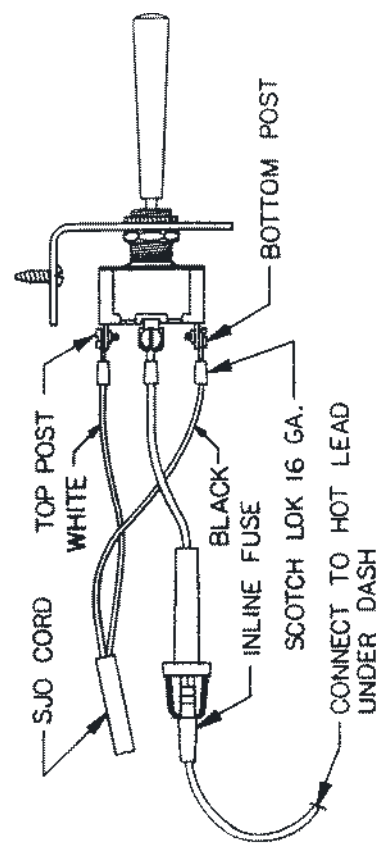
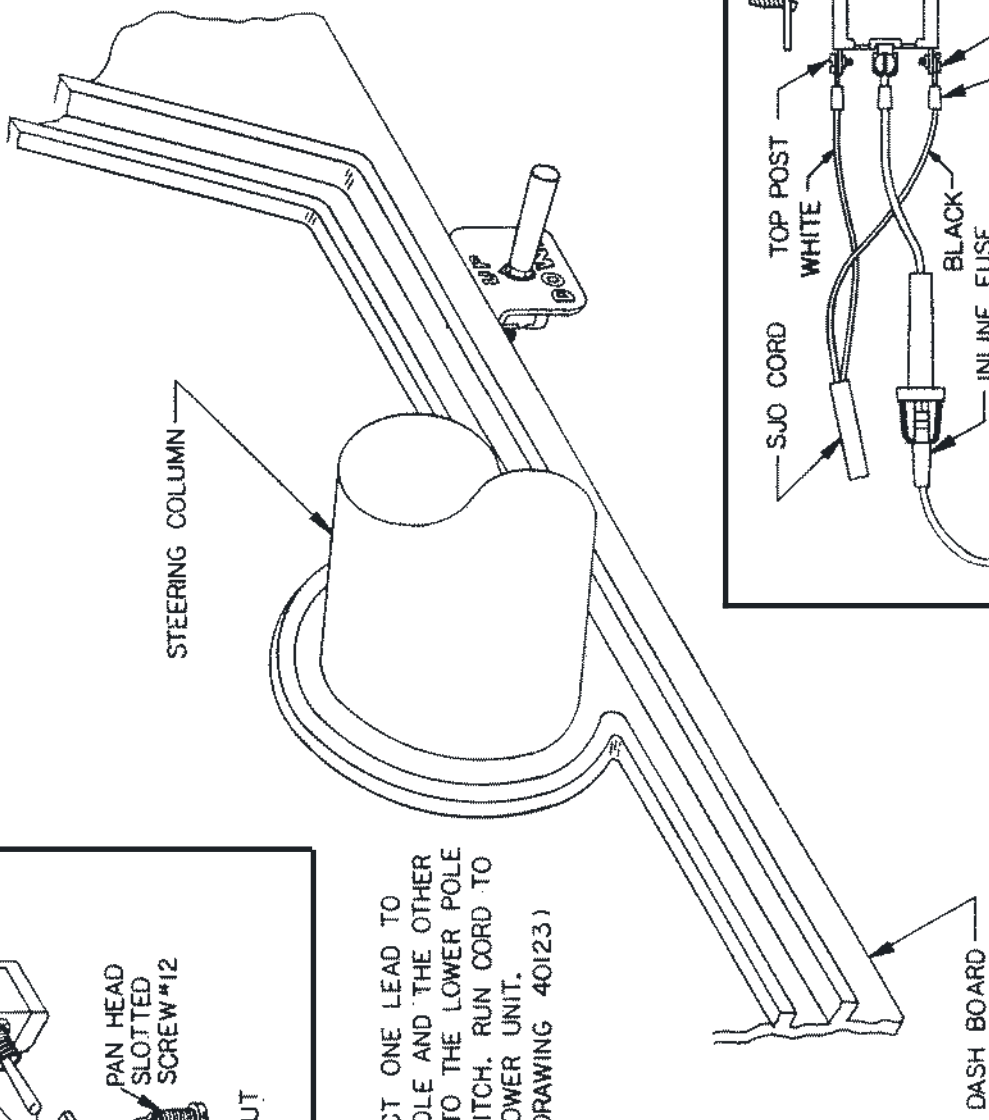
VP6S

SUPERCEDES
11-15-04B

6507



SJO CORD: CONNECT ONE LEAD TO TOP POLE AND THE OTHER LEAD TO THE LOWER POLE OF SWITCH. RUN CORD TO THE POWER UNIT. (SEE DRAWING 40123)



VENCO MANUFACTURING, INC.

TITLE **DASH CONTROL INSTALLATION**

DATE **5-15-98B**

SECTION **H200**

SUPERCEDES **1-22-90A**

40124

VP/VC-6 SERIES

11. Gas Filler Hose Modification

Reference Drawing(s): 40126

- a. Shorten the hoses if necessary to provide adequate clearance when bed is raised and lowered.
- b. Attach gas filler hose and breather hose to gas filler support and secure the gas filler support to the truck frame using 3/8"-16 x 1" bolt, flat washer, and nut.

12. Pickup Bumper Installation

Reference Drawing(s): 6072

Bumper is installed to rear hinge assembly using optional bumper brackets available from Venco.

13. Grease all fittings located at pivot points and repeat every 90 days.

Reference Drawing(s): 40260

14. Safety decals (provided for the safety of anyone who may operate this unit and intended to protect all parties from potential liability) must be installed as follows:

- a. Two "Warning" decals - one on each side of the pickup bed adjacent to the cab in a highly visible location.
- b. Two "Caution Stand Clear" decals - one on each side of truck frame in a highly visible location.

VC-6F (CONTRACTOR BODY) INSTALLATION

Reference Drawing(s): 6347

The installation of a VC-6F hoist is identical to the VP-6F hoist with the following exceptions:

- A. The rear pivot angle is welded to the truck frame.
 - a. Notch the ends of the frame channels as shown.
 - b. Position the angle iron frame of the rear hinge assembly in the truck frame notches. Make sure the rear pivot angle assembly is properly positioned on the truck frame. Weld all around the truck frame and hinge assembly interface.
- B. The upper rear hinge assembly is welded to the rear of the contractor body.
- C. The contractor's upper lift shaft assembly is also welded to the understructure of the contractor body.

IMPORTANT: Always use safety prop or other bed supports to safely prop the truck bed in "up" position when servicing hoist.



MANUFACTURING, INC.

TITLE
INST INSTRUCTIONS

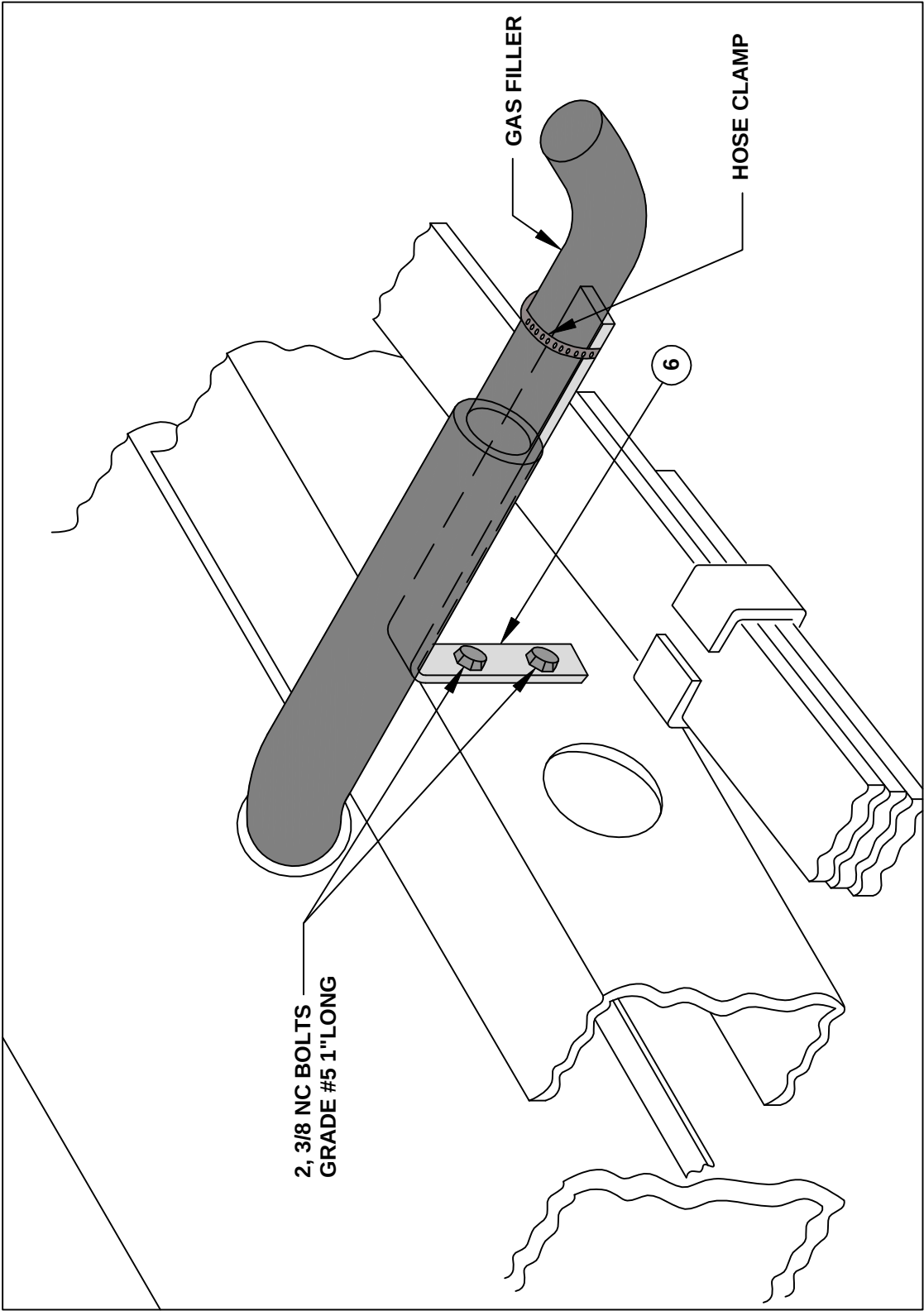
VP/VC-6F

DATE
4-23-98

SUPERCEDES
-

SECTION
H200

6340e



MANUFACTURING, INC.
CINCINNATI, OHIO

TITLE

GAS FILLER SUPPORT SECTION

VP / VC 6 SERIES

DATE

01-14-13C

SUPPERSEDES

04-13-10B

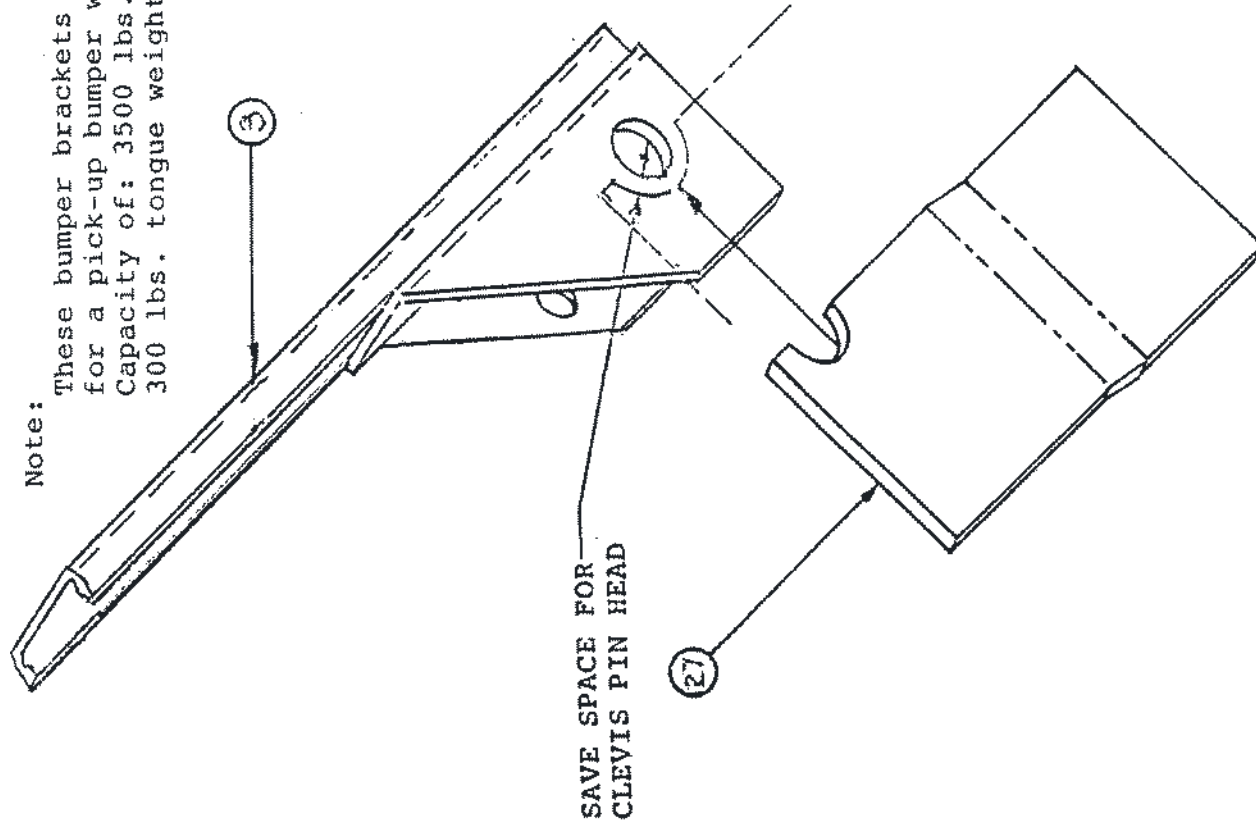
SECTION

H200

40126

Note:

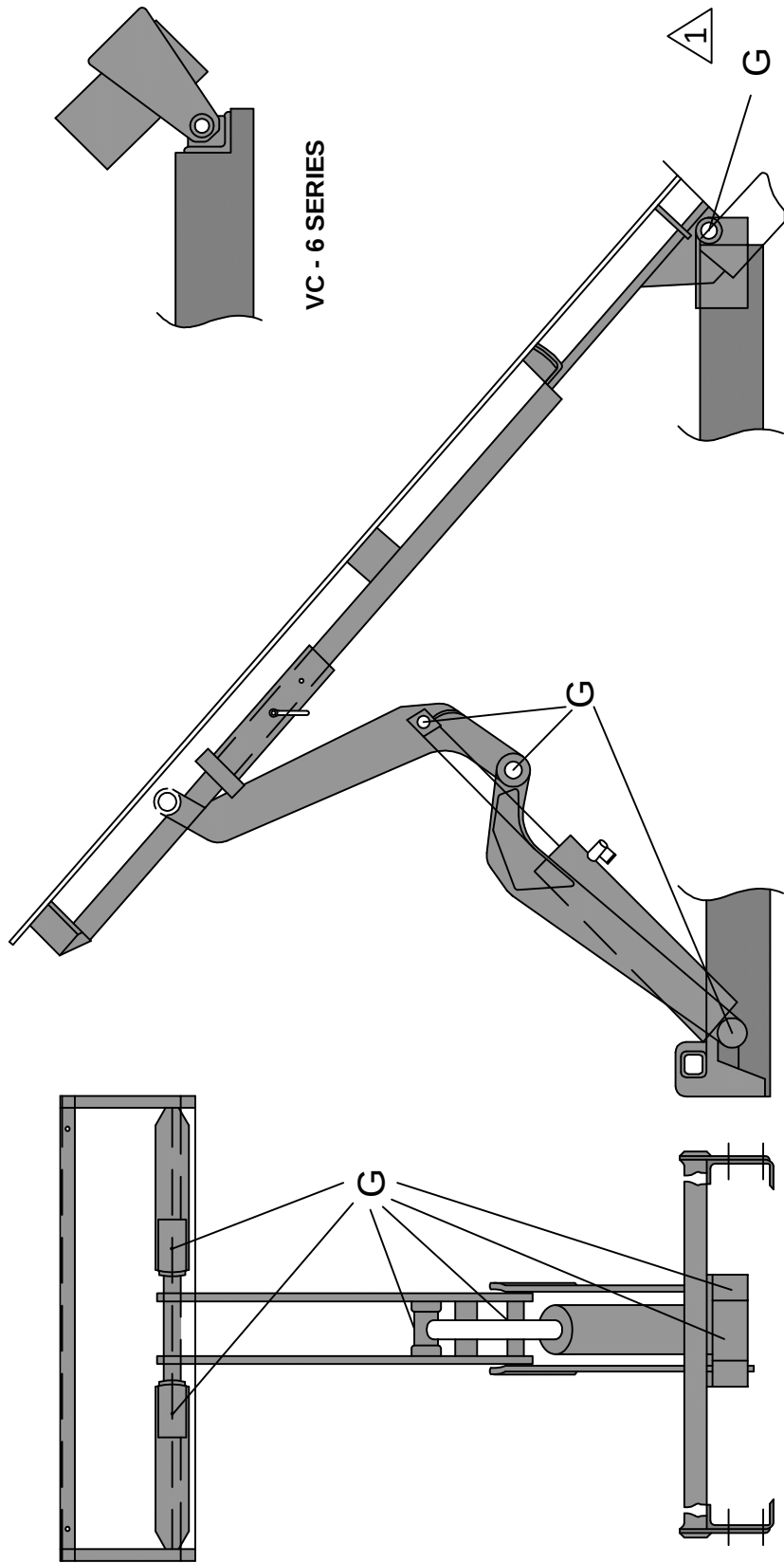
These bumper brackets have been designed for a pick-up bumper with a maximum Capacity of: 3500 lbs. gross weight and 300 lbs. tongue weight.



See Note at Top of Page

- 1) LEFT HAND SIDE SHOWN.
- 2) BUMPER BRACKET IS TO BE WELDED ON AT INSTALLATION.
- 3) MAKE SURE BENDS ARE TOWARD CENTER-LINE OF TRUCK.
- 4) WELD TO SPECS.
- 5) NOTE: WHEN INSTALLING BUMPER - CUT AND WELD BRACKET AS REQUIRED.

	TITLE		BUMPER BRACKET INSTALLATION	DATE	5-15-98B	SECTION	H200
	VP/VC-6 SERIES			SUPERCEDES	10-31-88A		6072



NOTE: VP 6600 PICKUP HOIST USES COMPOSITE BEARINGS FOR THE LOWER REAR HINGES; NO LUBRICATION REQUIRED ON THIS MODEL ONLY.
VC 6600 CONTRACTOR HOIST DOES REQUIRE LUBRICATION AT THE LOWER REAR HINGE ASSEMBLY.

Lubrication required:	Lubrication used:	Service:	Inspections:
G ---- Grease fittings w/ pressure grease gun	Chassis grease	Time of truck service	Check for leaks around fittings / hoses
Fill oil reservoir 3/4" from top with hoist down	ATF - Dexron II or Mobile DTE 13 - Below 20° F add 3/4 pt. Kerosene	Check periodically or when hoist jerks	Check battery water periodically



MANUFACTURING, INC.
 CINCINNATI, OHIO

TITLE

LUBRICATION / SERVICE CHART

VP / VC - 6 SERIES

DATE

01-14-13D

SUPERSEDES

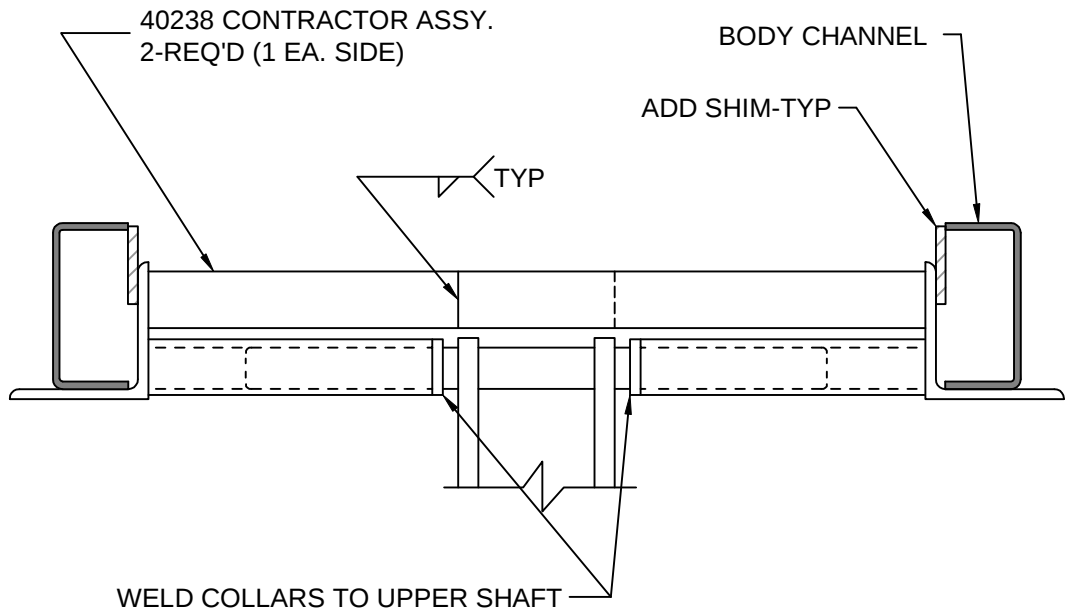
05-15-12C

SECTION

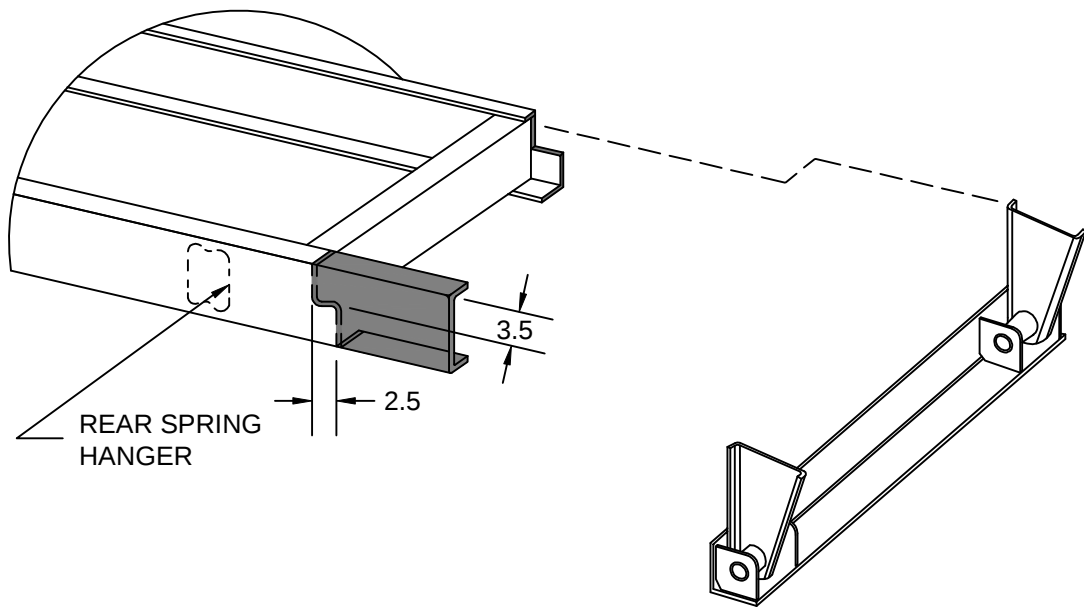
H300

40260

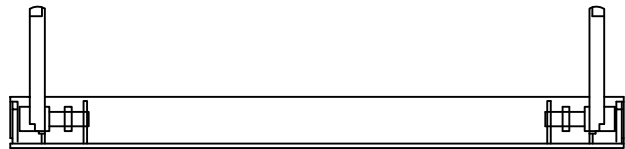
STANDARD MOUNTING



UPPER LIFT SHAFT ASSEMBLY MOUNTING



NOTE: ADJUST HINGE PLATE ASSEMBLIES TO DESIRED
WIDTH AND WELD COLLARS IN PLACE



FRAME MODIFICATION AND REAR HINGE ATTACHMENT



MANUFACTURING, INC.
CINCINNATI, OHIO

TITLE

INSTALL DRAWING

VC - 6F

DATE

01-14-13B

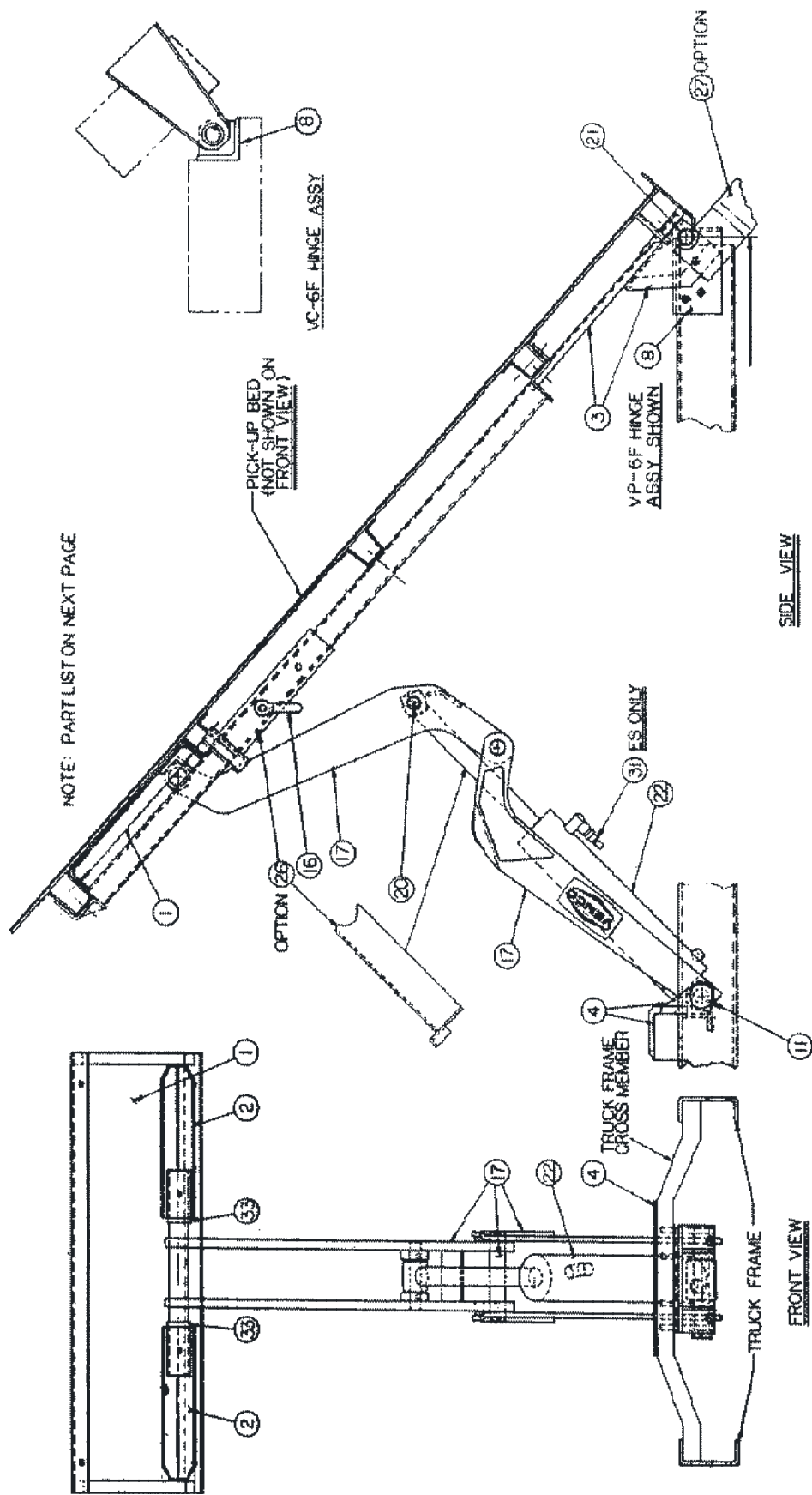
SUPERSEDES

12-20-02A

SECTION

H200

6347



 Venco MANUFACTURING, INC.	TITLE		REPLACEMENT PARTS DWG	
	DATE	SECTION	VP/VC-6F	
	10-4-99A	H400		
	SUPERCEDES 5-1-98	6344		

VP/VC-6F REPLACEMENT PARTS LIST

ITEM	QTY	VP-6F	VC-6F	DESCRIPTION
1	1	6320	40211	UPPER NEST ASSEMBLY CONTRACTOR ASSEMBLY
2	2	6325	-	UPPER NEST PIVOT ASSEMBLY
3	2	6005	-	UPPER REAR HINGE - R&L
4	1	6360	6360	BASE MOUNTING PLATE ASSEMBLY
5	-	-	-	-
6	-	-	-	-
7	-	-	-	-
8	2	6035	(1) 416207-1 ▲	LOWER REAR HINGE - R&L
* 9	2	6037	6037	PAD - NYLON
* 10	2	6038	6038	PAD - NYLON
11	1	6311	6311	PIN - CYLINDER BASE
* 12	2	6081	6081	MOUNTING PIPE - POWER UNIT
* 13	1	6043	6043	GAS FILLER SUPPORT
* 14	1	6346	6346	INSTALLATION INSTRUCTIONS
* 15	1	6065	6065	BATTERY CONNECT
16	1	6067	6067	1/2"-13 LEVER NUT
17	1	6371	6371	HOIST SCISSORS ASSY. (DOES NOT INCLUDE CYL.)
* 18	1	13763	13763	TOGGLE SWITCH (ES ONLY)
* 19	2	15254	15254	"CAUTION - STAND CLEAR" DECAL
20	1	40003	40003	PIN - CYLINDER BASE
21	2	40025	-	CLEVIS PIN - REAR HINGE
22	1	40034	40034	HYDRAULIC CYLINDER
* 23	1	40036	40036	HOSE ASSEMBLY - 48" (ES ONLY)
* 24	1	40037	40037	HOSE ASSEMBLY - FULL END 48" (ED ONLY)
* 25	1	40037-2	40037-2	HOSE ASSEMBLY - ROD END 63" (ED ONLY)
26	1	40042	40042	SAFETY PROP (OPTION)
27	2	40057	40057	BUMPER BRACKET (OPTION) - R&L
* 28	1	40058-WF	40058-WF	ES (SINGLE ACTING) POWER UNIT
* 29	1	6136	6136	ED (DOUBLE ACTING) POWER UNIT
30	1	40223	40223	MOUNTING PLATE SWITCH
31	1	40226	40226	BREATHING - ROD END (ES ONLY)
* 32	2	416052	416052	"CAUTION - INSTRUCTIONS" DECAL
33	2	40007	40007	COLLAR - 2" O.D. x 1.53" I.D. x 1/2" LG.
* 34	2	40237	40237	DECAL - SAFETY PROP
35	-	-	-	-
36	-	-	-	-
37	-	-	-	-
* 38	1	416122	416122	TOGGLE SWITCH (ED ONLY)
* 39	1	6137	6137	FLOW CONTROL (BI-ROTOR ONLY)

*ITEM NOT SHOWN ON DRAWING

REPLACEMENT PARTS DWG REF 6344



MANUFACTURING, INC.

TITLE
REPL. PARTS LIST

VP/VC-6F

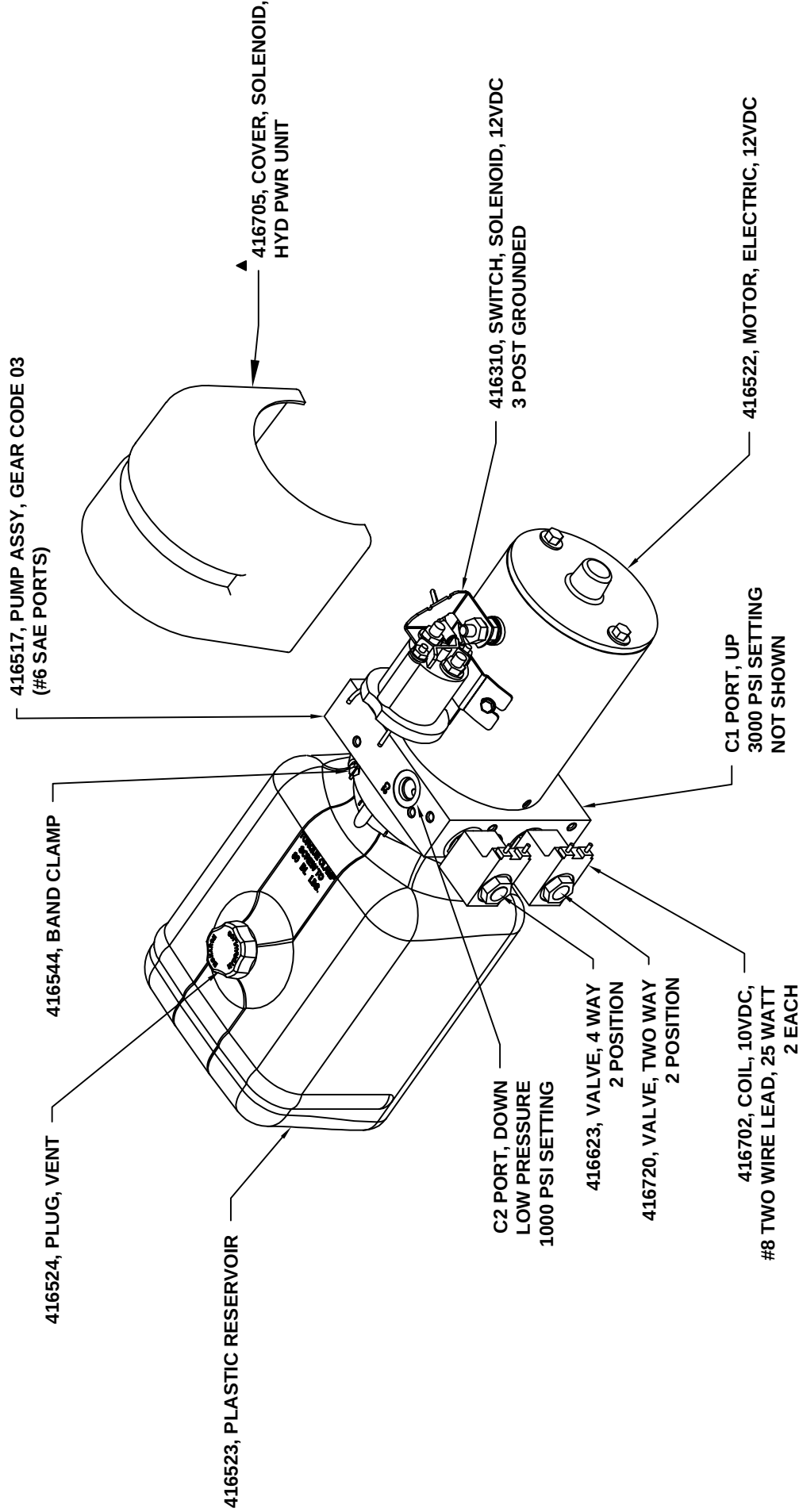
DATE
10-8-99D

SUPERCEDES
10-4-99C

SECTION
H400

6345

REPLACEMENT PARTS 6425 ED



NOT SHOWN: 416533, PUSH BUTTON PENDANT, YELLOW & GREY
416518, O-RING, INDUSTRIAL (3-5/8 x 3-7/8 x 1/8)
416521, PARTS KIT, RELIEF VALVE, 2 EACH



VENCO VENTURO INDUSTRIES LLC
CINCINNATI, OHIO

TITLE

REPLACEMENT PARTS

SECTION

DATE

03-20-15A

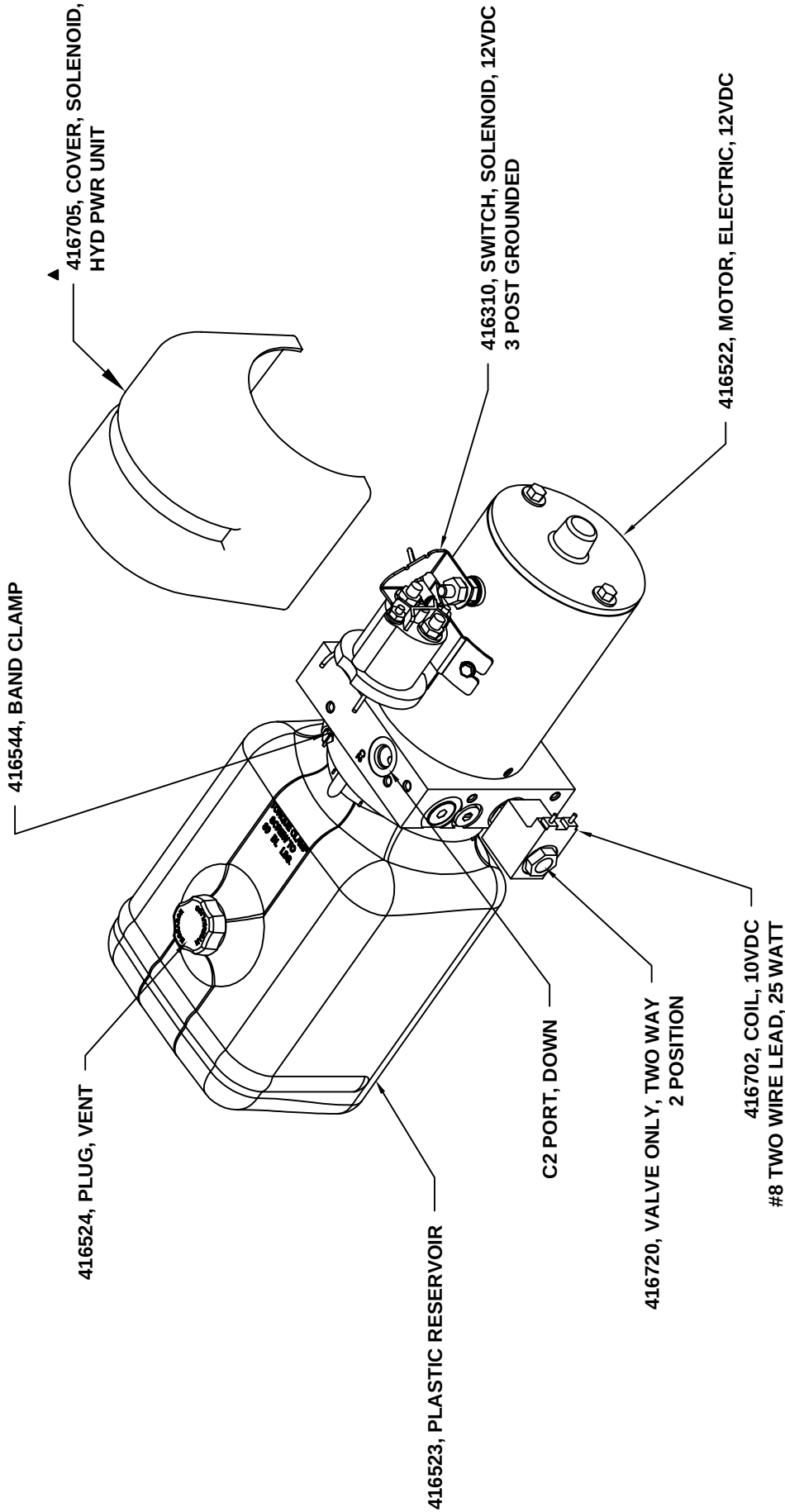
SUPERSEDES

10-27-05

6425 ED POWER UNIT

6482

REPLACEMENT PARTS 6426 ES



NOT SHOWN: 416541, PUSH BUTTON PENDANT, GREY & ORANGE
416518, O-RING, INDUSTRIAL (3-5/8 X 3-7/8 X 1/8)
6504, PUMP ASSEMBLY (GEAR CODE = 03)
6505, RELIEF VALVE KIT



VENCO VENTURO INDUSTRIES LLC
CINCINNATI, OHIO

TITLE

REPLACEMENT PARTS DRAWING

SECTION

DATE

03-20-15C

SUPSEDES

10-05-05B

6426 ES POWER UNIT

6508



VENCO HOISTS LIMITED WARRANTY POLICY

Venco products are built to last...we guarantee them.

As a purchaser of any new Venco product covered by warranty, you will receive 3 years of the most complete coverage available...and, at no added cost to you.

3-Year Limited Warranty Policy

This limited policy warrants new products of Venco to be free from defects in material and workmanship for a period of three (3) years from date of original installation. OEM products or accessories purchased by Venco as part of or offered with our product will carry the OEM manufacturer's respective warranty. Our warranty covers:

- ***Repair or replacement of product***
- ***Labor to repair or replace product***
- ***Freight to return and/or replace product***

We shall not be liable for any contingent liabilities arising out of the improper function of any products. Warranty shall become void if the product is improperly installed, modified, damaged, abused or used for application other than intended use. Venco hoists are designed for and intended to be used on stationary trucks dumping on firm and level ground. Spreading applications and/or shock unloading are strictly prohibited and will void this warranty. There is no warranty of merchantability, fitness for a particular purpose, warranty arising from course of dealing or usage of trade, or any other implied or expressed warranty, except as made specifically herein. This warranty supersedes all previous warranties, written or implied.

Warranty Claims

Venco Venturo Industries LLC will make a good faith effort for prompt correction or other adjustment with respect to any product, which proves to be defective after our inspection and within the warranty period. Before any repairs are attempted or before returning any product, your Venco Distributor is required to obtain a warranty claim number. This number is necessary for any claim to be considered. To obtain a warranty claim number, Venco requires the model and serial number. Only authorized Venco Distributors can perform warranty. For the name and address of your local Venco Distributor call the **Warranty Claim Department - 513-772-8448**.

WARNING - It is the responsibility of the installer to ensure the installation is completed according to the manufacturer's recommendations, ensure the ultimate user understands how to operate product in a safe manner, and understands the need for regular service and maintenance by an authorized Venco Distributor. No modifications or alterations may be made to any Venco product without the expressed written consent of Venco Venturo Industries LLC. Installation of any Venco product must be done by an authorized Venco Distributor, to the standards of the industry; including maintenance, service and affixing of all instruction, safety and warning decals. Users should be instructed as to the safe operation at time of delivery. Maintenance, service, operation and safety warning decals are available on request from Venco Venturo Industries LLC.

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