

25100-CDD/PHD/PHXD

PARTS & INSTALLATION MANUAL 25100-CDD/PHD/PHXD

Included in this manual:

25100-CDD/PHD/PHXD

- Stabilizer with Dual Crosstube
- Manual/Hydraulic Pullout and Crank-down/Hydraulic Legs

VENCO VENTURO INDUSTRIES LLC 12110 BEST PLACE | CINCINNATI, OHIO 45241

VENCU VENTURO (INDUSTRIES LLC.)

25100-CDD/PHD/PHXD INST-25300 - 3/14/2024 (Rev: A0)

12-00073_VNT1

11101 20000	0/14/2024 (NOV. NO)
7607200A 25480 25301 25447-1 25485 25428-4 25303 25307 25308 25309 25310 25317 25318 25319 25320	SECTION 200: INSTALLATION INSTALLATION GUIDELINES RECOMMENDED MOUNTING TO TRUCK FRAME SELECTOR VALVE OVERVIEW DEPARTURE ANGLE, REAR-MOUNTED STABILIZERS MOUNTING THE LEGS 25100-CDD OVERALL DIMENSIONS 25100-PHD-SL OVERALL DIMENSIONS 25100-PHD-LL OVERALL DIMENSIONS 25100-PHD HYDRAULIC MAPPING 25100-PHD HYDRAULIC MAPPING 25100-PHXD-SL OVERALL DIMENSIONS 25100-PHXD-LL OVERALL DIMENSIONS 25100-PHXD-LL OVERALL DIMENSIONS 25100-PHXD-LL HYDRAULIC MAPPING 25100-PHXD-LL HYDRAULIC MAPPING
7607400A 25302 25304 25305 25306 25311 25312 25313 25314 25315 25316 25321 25322 25323 25324	SECTION 400: REPLACEMENT PARTS 25100-CDD ISOMETRIC VIEW 25100-CDD REPLACEMENT PARTS LIST 25100-CDD REPLACEMENT PARTS DRAWING 25100-PHD ISOMETRIC VIEW 25100-PHD-SL ISO OVERVIEW 25100-PHD CROSSTUBE REPL PARTS LIST 25100-PHD CROSSTUBE REPL PARTS DWG 25100-PHD PULLOUT REPL PARTS LIST 25100-PHD PULLOUT REPL PARTS DWG 25100-PHXD ISOMETRIC VIEW 25100-PHXD ISOMETRIC VIEW 25100-PHXD CROSSTUBE REPL PARTS LIST 25100-PHXD CROSSTUBE REPL PARTS DWG 25100-PHXD CROSSTUBE REPL PARTS DWG 25100-PHXD PULLOUT REPL PARTS LIST

25100-PHXD PULLOUT REPL PARTS LIST 25100-PHXD PULLOUT REPL PARTS DWG HYDRAULIC SHORT LEGS REPL PARTS LIST HYDRAULIC SHORT LEGS REPL PARTS DWG HYDRAULIC LONG LEGS REPL PARTS DWG WARRANTY PAGE

SECTION 200

INSTALLATION



STABILIZER INSTALLATION GUIDELINES

Read instructions completely prior to starting installation. If this unit is to be installed on a Venturo crane body, continue to the stabilizer assembly section of this manual.

Prior to mounting the stabilizer crosstube, orient the stabilizer so the longer pullout is on the crane side of the truck.

REAR MOUNTED

Crosstube should be centered at the rear of the truck and tied into the truck frame, body longsills, and crane support. Installer is responsible for proper mounting brackets and hardware that will be needed during this process. If unit is to be mounted on a service body, do not attach crosstube to body sheet metal unless otherwise specified. Allow clearance between crosstube and body for the stabilizer legs to be fully retracted. Consult chassis up-fitter guide prior to installation for proper welding and bolting procedures to chassis.

See the 'RECOMMENDED MOUNTING TO TRUCK FRAME' page

Leg installation (refer to assembly section of manual) legs are adjustable to maintain proper ground penetration of 4" to 6". The stabilizer is designed to level the truck and not lift the chassis off of the ground. They are designed to work in conjunction with the chassis suspension to stabilize the unit with the bulk of the load being supported by the chassis suspension and tires. Tires must be set at the proper pressure according to the chassis manufacture, stabilizers fully extended, and legs deployed on firm, level ground prior to crane use.

IMPORTANT - When legs are fully retracted in the stowed position, a 15° degree departure angle between the bottom of the rear tire and the lowest point of the stabilizer is recommended.

See the 'DEPARTURE ANGLE' page

For hydraulic stabilizers, the control valve and selector valve are supplied in kit. It is the installer's responsibility to supply necessary hoses and fittings between these valves and stabilizer. Refer to proper hydraulic schematic for your particular stabilizer model.

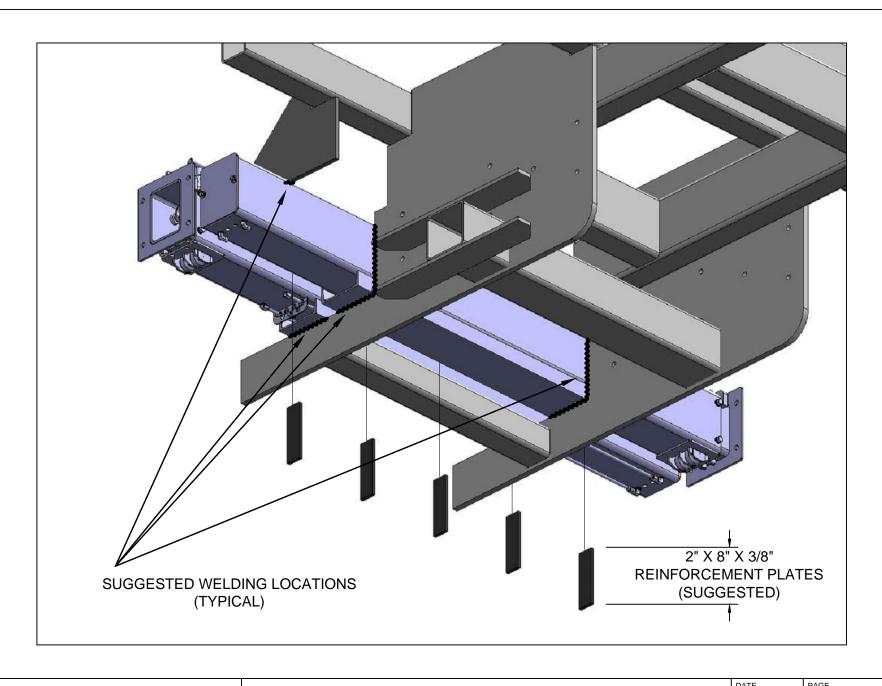
IMPORTANT - The selector valve is designed to separate the crane and stabilizer hydraulic circuits. This will not allow stabilizer use while in crane mode.

FRONT MOUNTED

Front mounted crosstube will be located on top of the chassis frame and welded to body longsills. Additional shear plates (installer supplied) to be welded to crosstube and bolted to chassis frame. Crosstube to be spaced away from body for leg clearance when fully retracted. See assembly section of manual for pullout and leg installation detail.

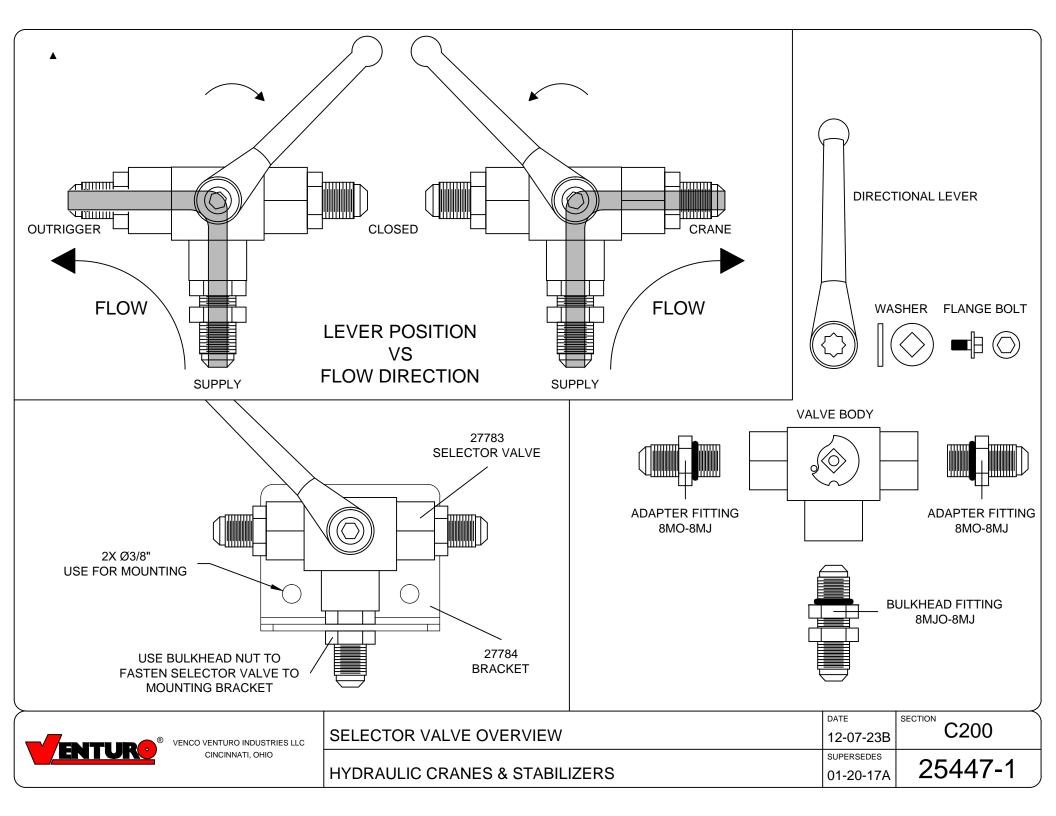


INSTALLATION GUIDELINES	12-08-23A	C200
STABILIZERS	SUPERSEDES 01-17-17	25480



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RECOMMENDED MOUNTING TO TRUCK FRAME	04-03-17	02
25100 DUAL-TUBE OUTRIGGERS	SUPERSEDES -	25301



RECOMMENDED DEPARTURE ANGLE



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** VENCO VENTURO INDUSTRIES LLC CINCINNATI, OHIO			DATE	PAGE
	® VENCO VENTURO INDUSTRIES LLC	RECOMMENDED DEPARTURE ANGLE	08-25-22A	-
		SUPERSEDES	05405	
		REAR MOUNTED OUTRIGGERS	01-18-17	25485

MOUNTING THE OUTRIGGER LEGS, 25100 SERIES OUTRIGGERS

FOLLOW INSTRUCTIONS FOR MOUNTING 25100 SERIES OUTRIGGER LEGS.

- DETERMINE PLACEMENT OF OUTRIGGER LEGS. REFER TO MODEL SPECIFIC 'OVERALL DIMENSIONS' PAGE.
- 2. USE HARDWARE & FASTENERS PROVIDED:

[8] HEX HEAD CAP SCREW;

5/8-11 X 1-1/2", GR. 8, ZINC

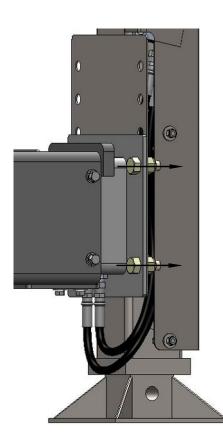
[8] LOCK NUT;

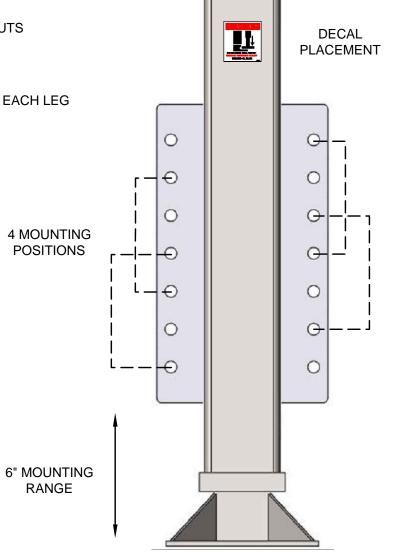
5/8-11, GR. 8, ZINC, NYLON-INSERT



4. <u>TORQUE</u> OUTRIGGER LEG BOLTS & NUTS TO 190 FT-LBS EACH.

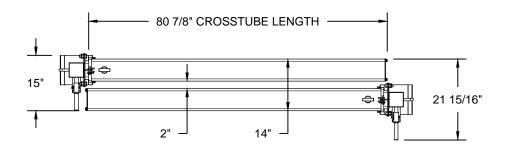
5. PLACE 24964 DANGER DECALS, [1] ON EACH LEG

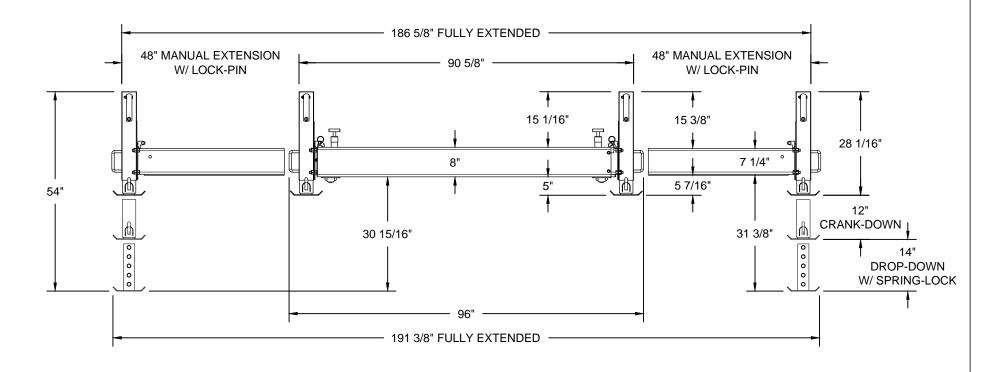






MOUNTING THE LEGS	DATE	PAGE 05
MOUNTING THE LEGS	04-03-17	
	SUPERSEDES	054004
25100 SERIES OUTRIGGERS	-	25428-4

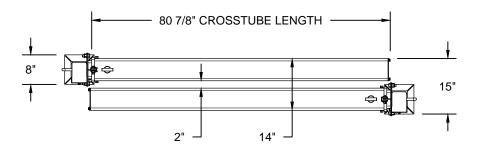


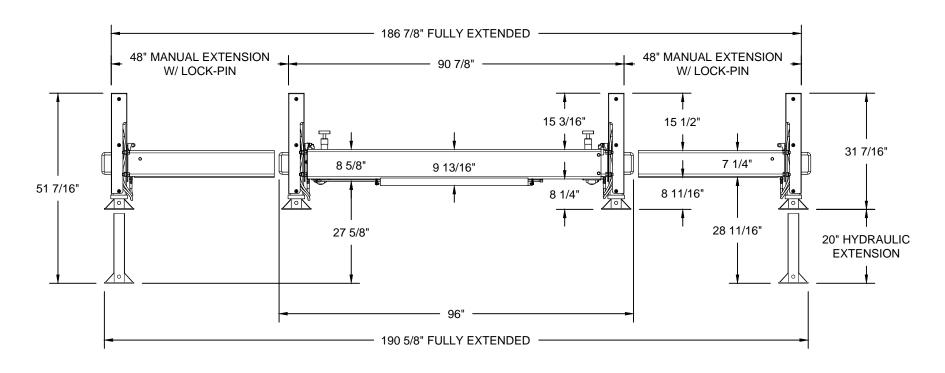


6" RANGE ADJUSTABLE FOR LEG MOUNTING AT 2" INCREMENTS



OVERALL DIMENSIONS	04-03-17	07
25100-CDD OUTRIGGER	SUPERSEDES	25303





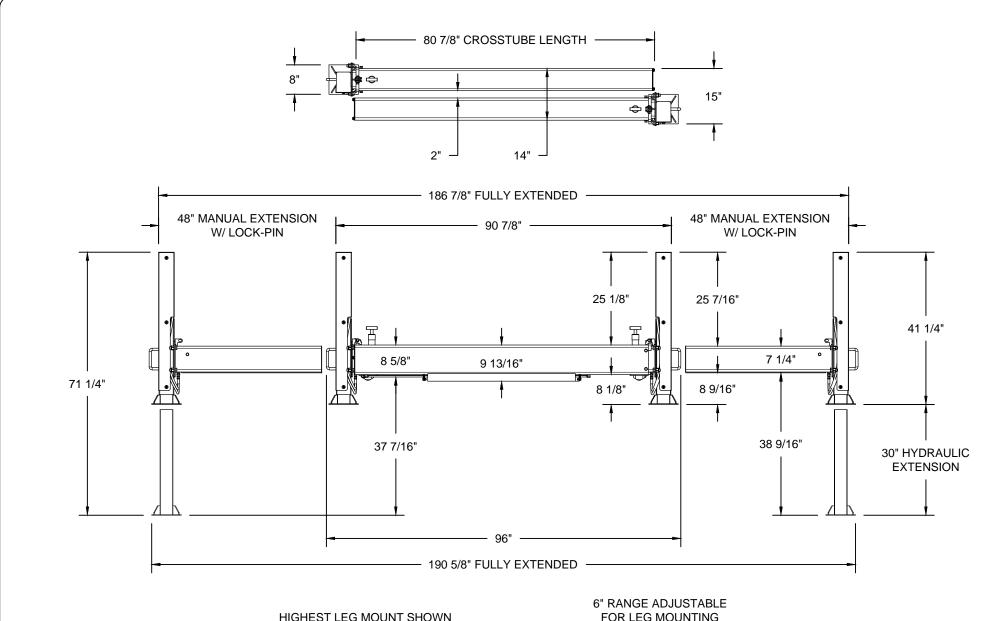
6" RANGE ADJUSTABLE FOR LEG MOUNTING AT 2" INCREMENTS

DATE

PAGE



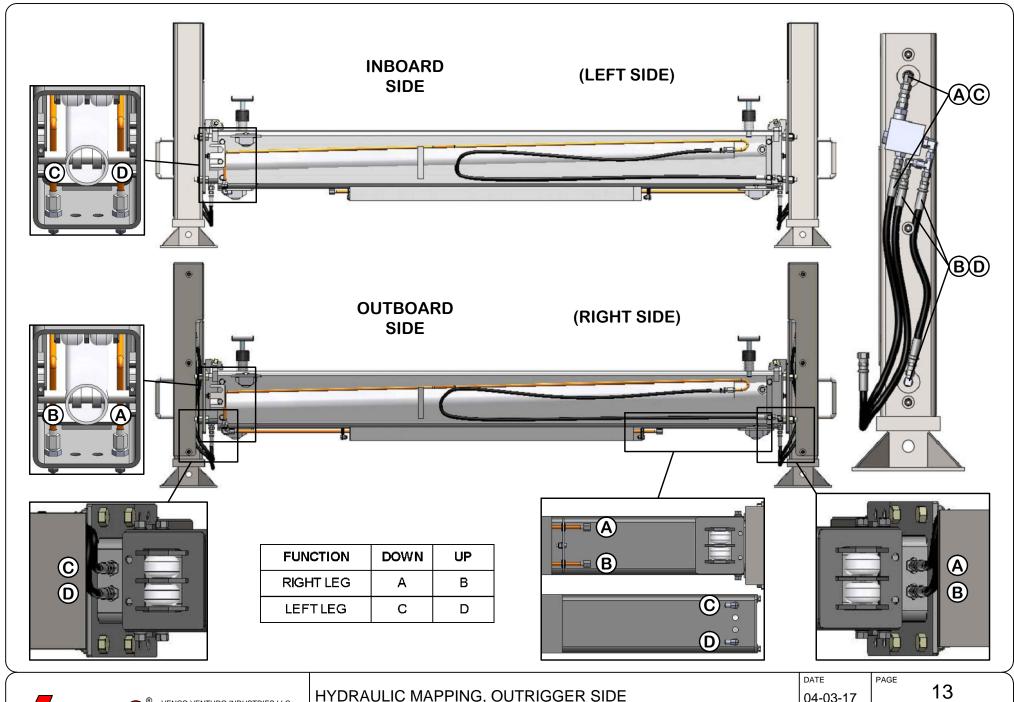
OVERALL DIMENSIONS	04-03-17	11
25100-PHD OUTRIGGER WITH SHORT LEGS	SUPERSEDES	25307



FOR LEG MOUNTING AT 2" INCREMENTS



;	OVERALL DIMENSIONS	04-03-17	12
	25100-PHD OUTRIGGER WITH LONG LEGS	SUPERSEDES -	25308



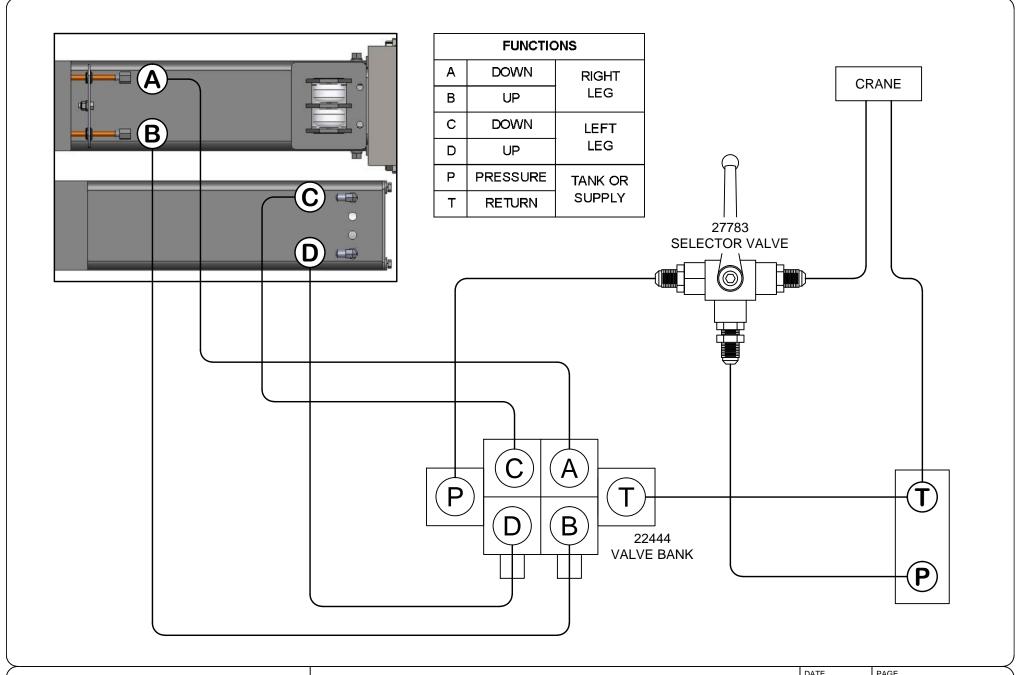


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HYDRAULIC MAPPING, OUTRIGGER SIDE 25100-PHD OUTRIGGERS

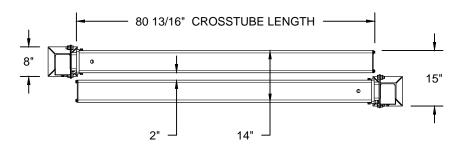
SUPERSEDES 25309

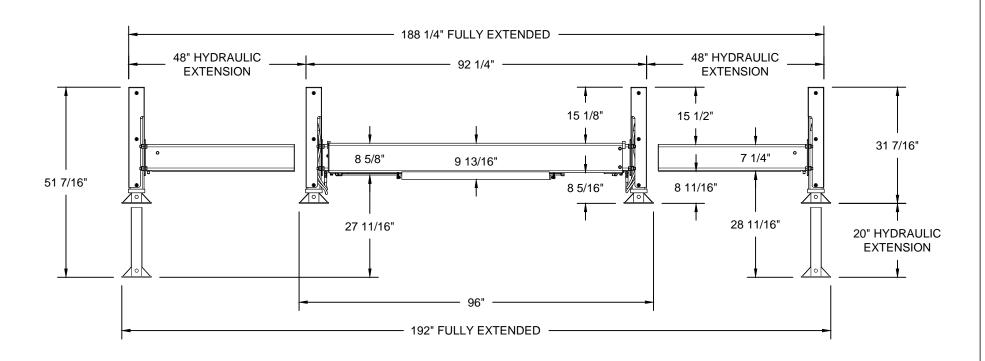
04-03-17





HYDRAULIC MAPPING, COMPARTMENT SIDE	04-03-17	14
25100-PHD OUTRIGGERS	SUPERSEDES -	25310

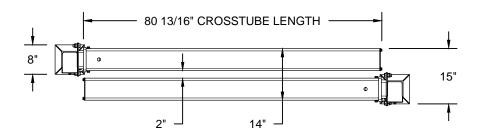


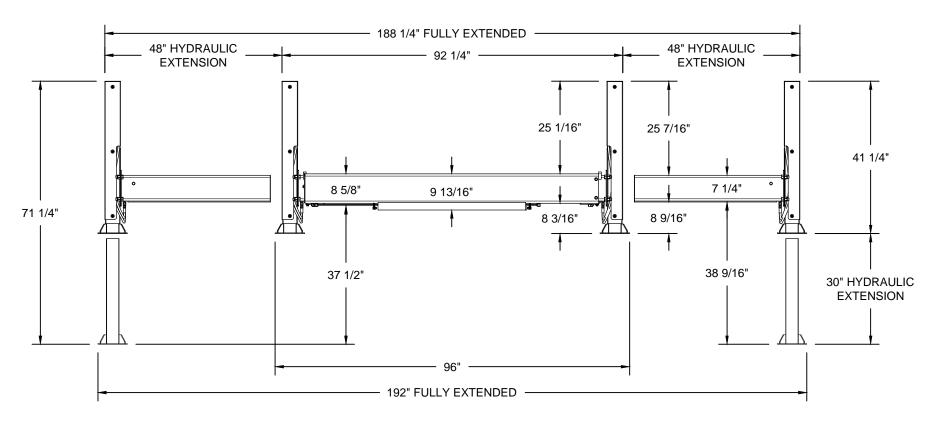


6" RANGE ADJUSTABLE FOR LEG MOUNTING AT 2" INCREMENTS



OVERALL DIMENSIONS	04-03-17	PAGE 21
25100-PHXD OUTRIGGER WITH SHORT LEGS	SUPERSEDES -	25317

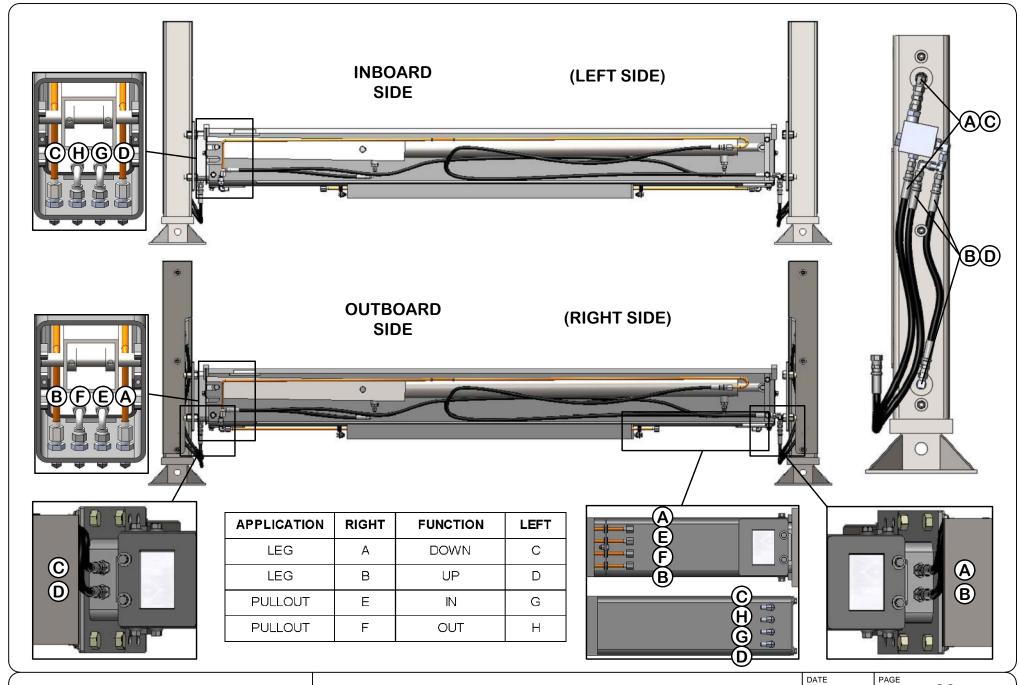




6" RANGE ADJUSTABLE FOR LEG MOUNTING AT 2" INCREMENTS



С	OVERALL DIMENSIONS	04-03-17	22
	25100-PHXD OUTRIGGER WITH LONG LEGS	SUPERSEDES	25318

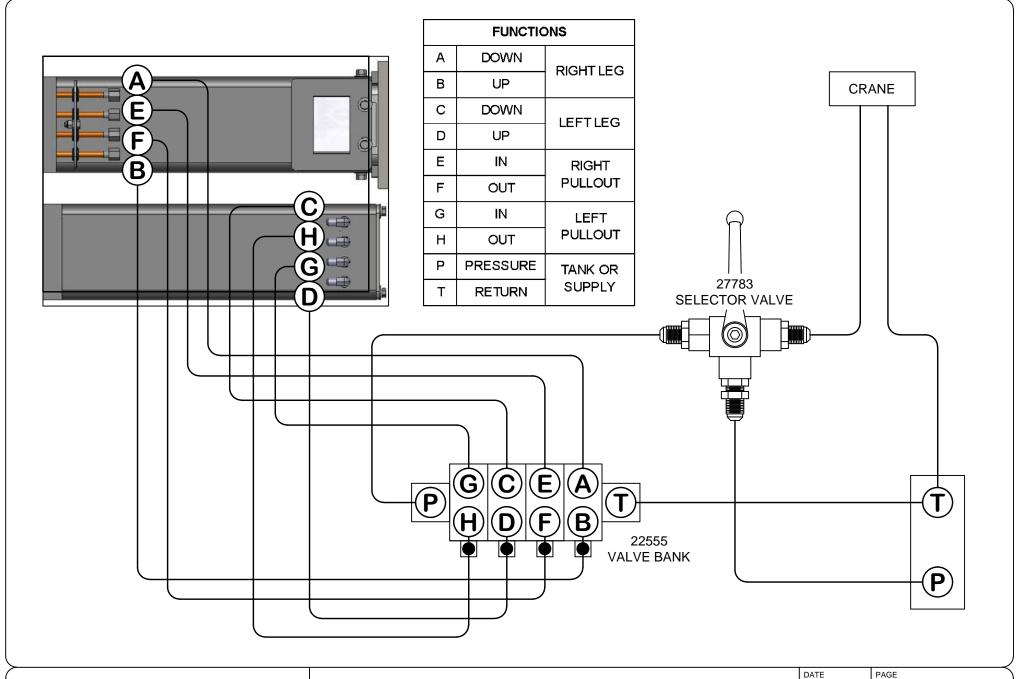




DATE PAGE 23
SUPERSEDES 23

25100-PHXD OUTRIGGERS

25319





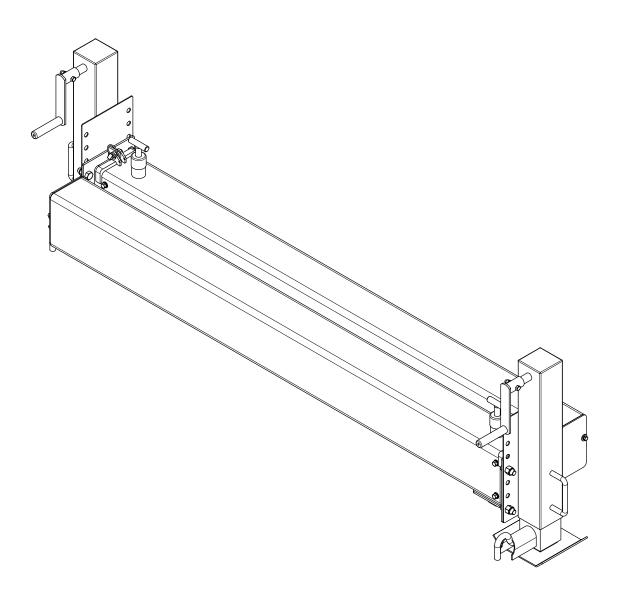
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HYDRAULIC MAPPING, COMPARTMENT SIDE	04-03-17	24
25100-PHXD OUTRIGGERS	SUPERSEDES -	25320

SECTION 400

REPLACEMENT PARTS





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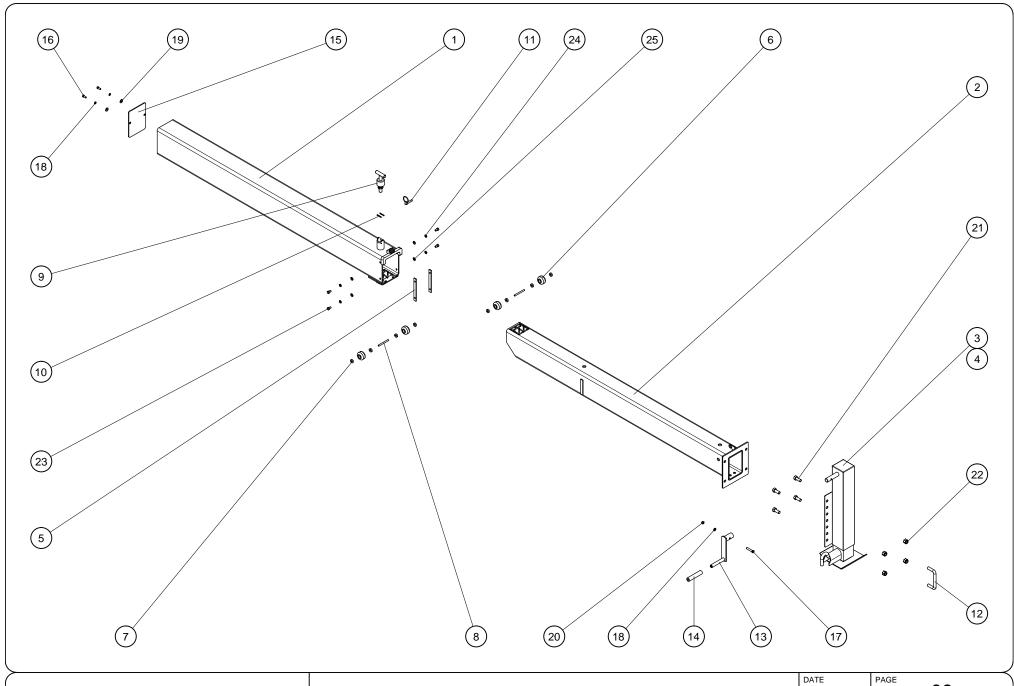
ISOMETRIC VIEW	04-03-17	06
25100-CDD OUTRIGGER	SUPERSEDES -	25302

PARTS BREAKDOWN, 25100-CDD OUTRIGGER ASSEMBLY

PARTS BREAKDOWN, 25100-CDD OUTRIGGER ASSEMBLY					
#	DESCRIPTION QT		PART #		
1	CROSSTUBE; DUAL CRANK-DOWN	2	25085-8		
2	PULLOUT; 4' EXT., CD & PH CONFIG	2	25087-1		
3	LEG; CRANK-DOWN, RIGHT	1	25133-1		
4	LEG; CRANK-DOWN, LEFT	1	25133-2		
5	NUT BAR RETAINER & BEARING	4	25065		
6	SKATEBOARD WHEEL; 53MM	8	25082		
7	BEARING; SKATEBOARD WHEEL	16	25078		
8	AXLE ROD; SKATEBOARD WHEELS	4	25090		
9	LOCK PIN; SPRING-LOADED	2	22668		
10	ROLL PIN; 3/16 X 1-3/8, SS	4	!RPIN-019138-SS		
11	SECURITY PIN & CLAMP RING	2	24981		
12	C-SHAPED HANDLE; PULL-OUT	2	19344		
13	CRANK HANDLE; WELDED ASSEMBLY	2	19009		
14	RUBBER HANDLE GRIP	2	16-00064		
15	COVER; END CAP, CROSSTUBE	2	25183		
16	HHCS; 5/16-18 X 3/4, GR. 5, ZINC	4	!HHCS03118075		
17	HHCS; 5/16-18 X 1-3/4, GR. 5, ZINC	2	!HHCS03118175		
18	LOCK WASHER; 5/16, GR.5, ZINC	6	!LWSH-031		
19	FLAT WASHER; 5/16, GR. 5, ZINC	4	!FWSH-031		
20	HEX NUT; 5/16-18, GR. 5, ZINC	2	!HNUT-03118		
21	HHCS; 5/8-11 X 1-1/2, GR. 8, ZINC	8	!HHCS06311150-8		
22	LOCK NUT; 5/8-11, GR.8, ZINC, NYLON	8	!LNUT-06311-8		
23	HHCS; 3/8-16 X 5/8, GR. 5, ZINC	8	!HHCS03816063		
24	LOCK WASHER; 3/8, GR. 5, ZINC	8	!LWSH-038		
25	FLAT WASHER; 3/8 SAE, GR. 5, ZINC	8	!FWSH-038SAE		



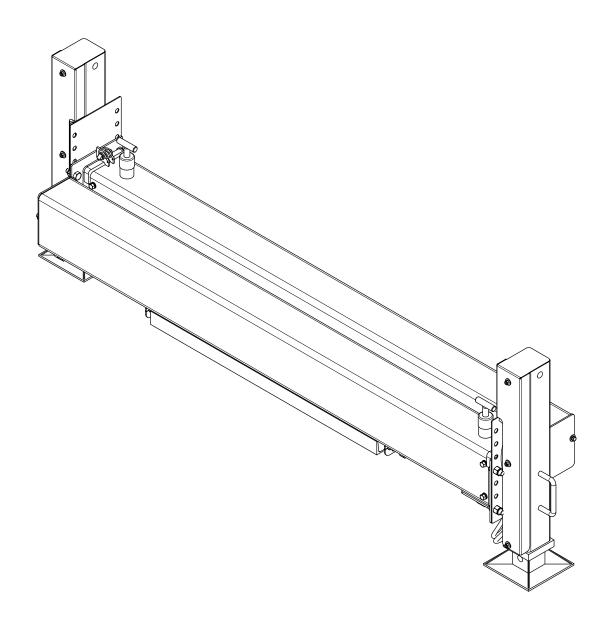
PARTS BREAKDOWN	04-03-17	08
25100-CDD OUTRIGGER	SUPERSEDES	25304



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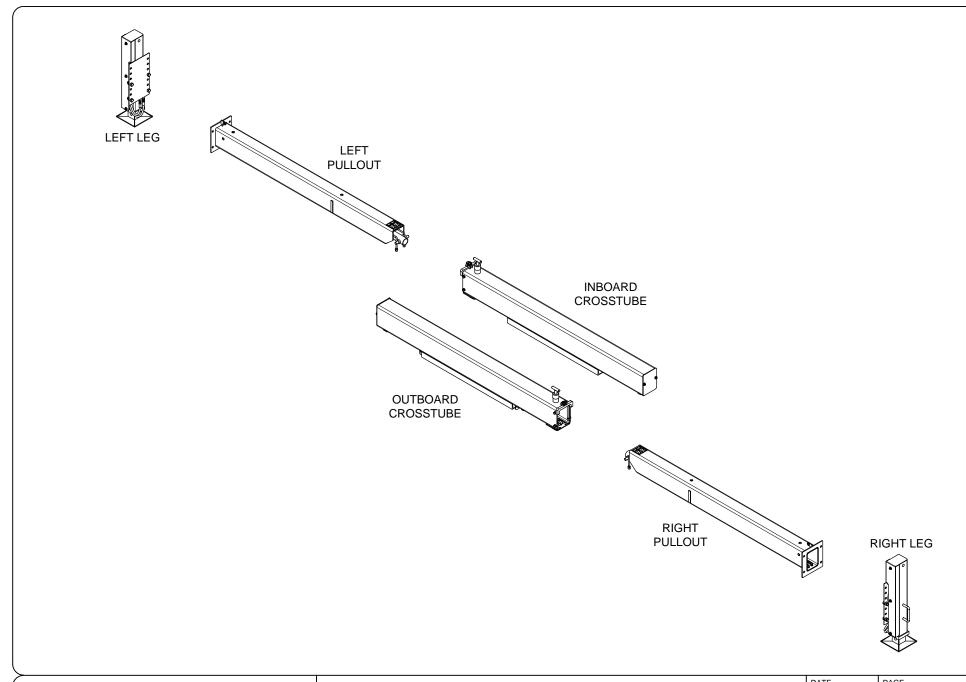
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PARTS BREAKDOWN	04-03-17	09
25100-CDD OUTRIGGER ASSEMBLY	SUPERSEDES -	25305





ISOMETRIC VIEW	04-03-17	10
25100-PHD OUTRIGGER (WITH SHORT LEGS)	SUPERSEDES -	25306





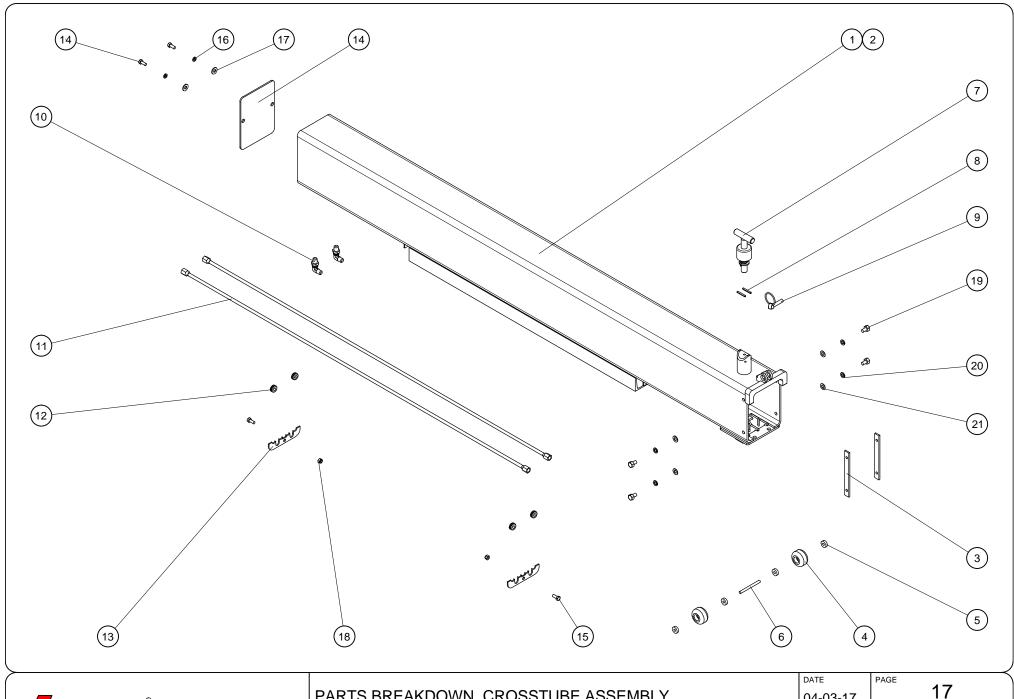
PARTS BREAKDOWN, SECTIONS	04-03-17	15
25100-PHD OUTRIGGER (WITH SHORT LEGS)	SUPERSEDES -	25311

PARTS BREAKDOWN, CROSSTUBES ASSEMBLY, 25100-PHD OUTRIGGERS

25	PARTS BREAKDOWN 5100-PHD CROSSTUBES ASSEMBLY	OUTBOARD	INBOARD	
#	DESCRIPTION	Q	TY	PART #
1	CROSSTUBE; 25100-PHD, OUTBOARD	1	-	25085-5
2	CROSSTUBE; 25100-PHD, INBOARD	-	1	25085-4
3	NUT BAR RETAINER & BEARING	2	2	25065
4	SKATEBOARD WHEEL; 53 MM	2	2	25082
5	BEARING; SKATEBOARD WHEEL	4	4	25078
6	AXLE ROD; SKATEBOARD WHEELS	1	1	25090
7	LOCK PIN; SPRING-LOADED	1	1	22668
8	ROLL PIN; 3/16 X 1-3/8, SS	2	2	!RPIN-019138-SS
9	SECURITY PIN W/ CLAMP RING	1	1	24981
10	FITTING; BULKHEAD, 90°, LONG, 6MJ-6MJ	2	2	H2701LN-0606
11	HYDRAULIC TUBE; CROSSOVER, 60"	2	-	25138
12	RUBBER GROMMET; CROSSOVER	4	-	14883
13	CLAMP PLATE; CROSSOVER	2	-	25157
14	COVER; END CAP, CROSSTUBE	1	1	25183
15	HHCS; 5/16-18 X 3/4, GR. 5, ZINC	4	2	!HHCS03118075
16	LOCK WASHER; 5/16, GR.5, ZINC	2	2	!LWSH-031
17	FLAT WASHER; 5/16, GR. 5, ZINC	2	2	!FWSH-031
18	LOCK NUT; 5/16-18, GR. 5, ZINC	2	-	!LNUT-03118-N
19	HHCS; 3/8-16 X 5/8, GR. 5, ZINC	2	2	!HHCS03816063
20	LOCK WASHER; 3/8, GR. 5, ZINC	2	2	!LWSH-038
21	FLAT WASHER; 3/8 SAE, GR. 5, ZINC	2	2	!FWSH-038SAE



PARTS BREAKDOWN	04-03-17	16
25100-PHD CROSSTUBES	SUPERSEDES	25312





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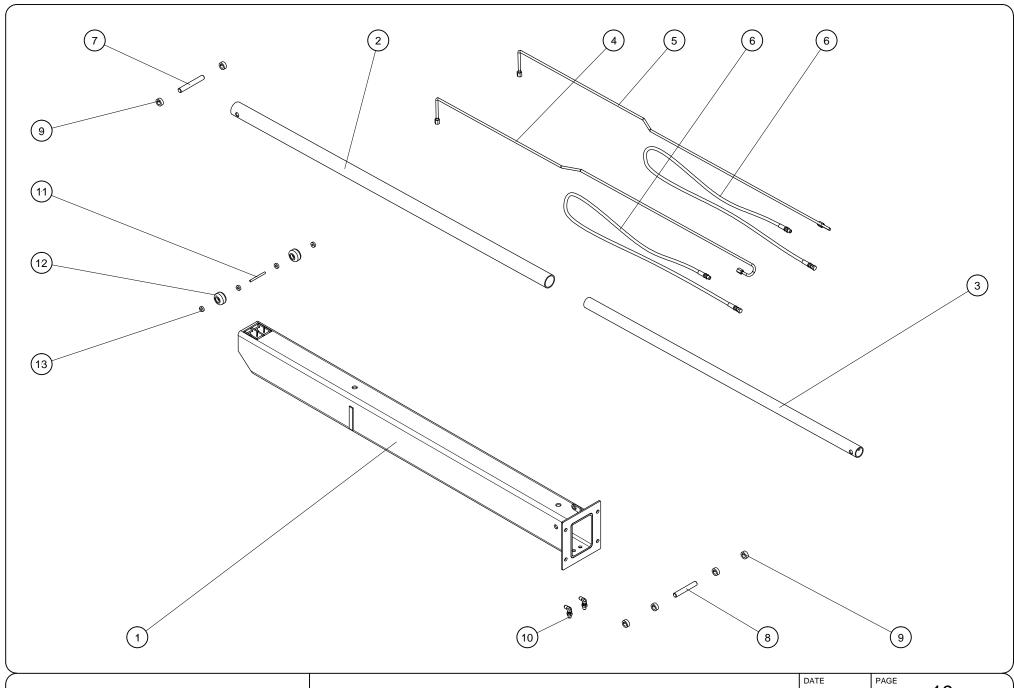
PARTS BREAKDOWN, CROSSTUBE ASSEMBLY	04-03-17	17
25100-PHD OUTRIGGERS	SUPERSEDES -	25313

PARTS BREAKDOWN, PULLOUTS ASSEMBLY, 25100-PHD OUTRIGGERS

	PARTS BREAKDOWN 25100-PHD PULLOUTS ASSEMBLY	OUTBOARD	INBOARD	
#	DESCRIPTION	ď	TY	PART#
1	PULLOUT; 4' EXTENSION, 25100-CD/PH	1	1	25087-1
2	PVC PIPE; OUTER, EXTENSION	1	1	25079
3	PVC PIPE; INNER, EXTENSION	1	1	25092
4	HYDRAULIC TUBE; INTERNAL LEFT	1	1	25136
5	HYDRAULIC TUBE; INTERNAL RIGHT	1	1	25137
6	HOSE ASSEMBLY; LEG UP & DOWN	2	2	25149
7	SHAFT; BASE-END, EXTENSION	1	1	25051
8	SHAFT; ROD-END, EXTENSION	1	1	25052
9	SHAFT COLLAR; 3/4", SET SCREW	6	6	00210
10	FITTING; BULKHEAD, 90°, LONG, 6MJ-6MJ	2	2	H2701LN-0606
11	AXLE ROD; SKATEBOARD WHEELS	1	1	25090
12	SKATEBOARD WHEEL; 53MM	2	2	25082
13	BEARING; SKATEBOARD WHEEL	4	4	25078



	DATE	PAGE
PARTS BREAKDOWN	04-03-17	18
	SUPERSEDES	05044
25100-PHD PULLOUTS	-	25314



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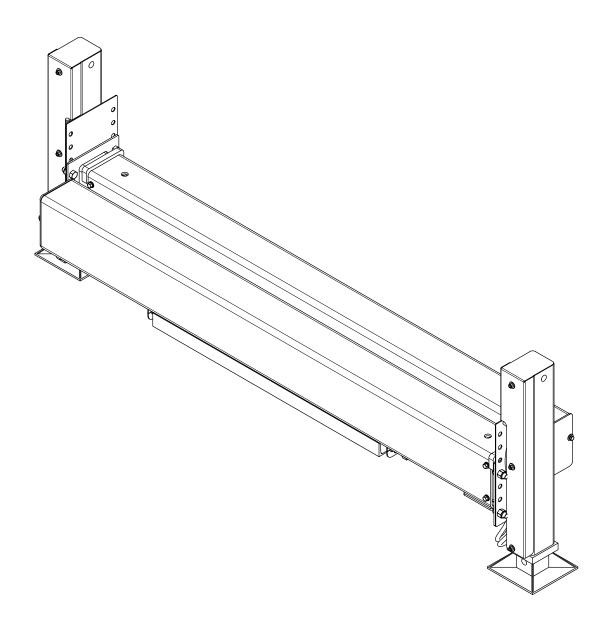
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PARTS BREAKDOWN, PULLOUT ASSEMBLY

25100-PHD OUTRIGGERS

19

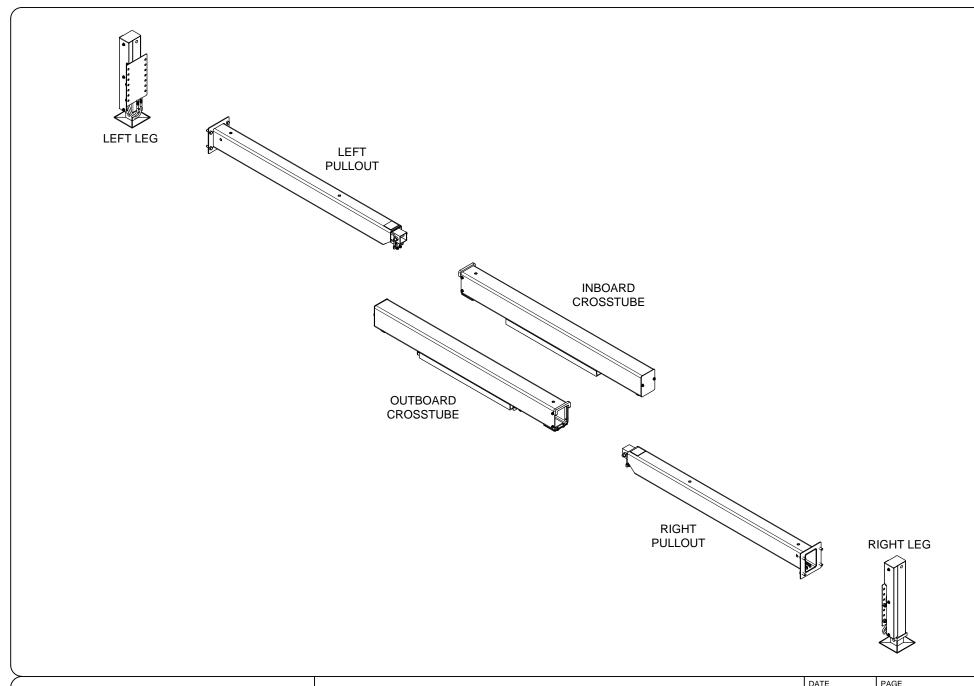
25315





ISOMETRIC VIEW	04-03-17	20
25100-PHXD OUTRIGGER (WITH SHORT LEGS)	SUPERSEDES -	25316

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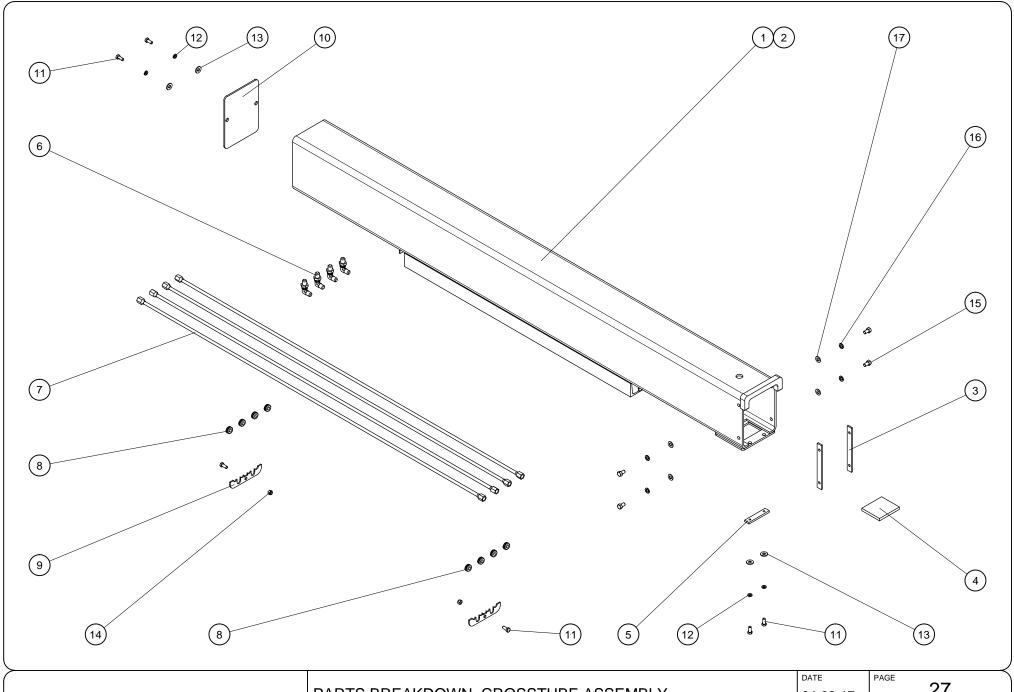
PARTS BREAKDOWN, SECTIONS	04-03-17	25
25100-PHXD OUTRIGGER (WITH SHORT LEGS)	SUPERSEDES	25321

PARTS BREAKDOWN, CROSSTUBES ASSEMBLY, 25100-PHXD OUTRIGGERS

25	PARTS BREAKDOWN 100-PHXD CROSSTUBES ASSEMBLY	OUTBOARD	INBOARD	
#	DESCRIPTION	ď	TY	PART #
1	CROSSTUBE; 25100-PHXD, OUTBOARD	1	-	25085-7
2	CROSSTUBE; 25100-PHXD, INBOARD	-	1	25085-6
3	NUT BAR RETAINER & BEARING	2	2	25065
4	UHMW PAD; 3-1/8 X 3-1/2 X 3/8	1	1	25081
5	NUT BAR RETAINER; UHMW PAD	1	1	25077
6	FITTING; BULKHEAD, 90°, LONG, 6MJ-6MJ	4	4	H2701LN-0606
7	HYDRAULIC TUBE; CROSSOVER, 60"	4	4	25138
8	RUBBER GROMMET; CROSSOVER	8	-	14883
9	CLAMP PLATE; CROSSOVER	2	-	25157
10	COVER; END CAP, CROSSTUBE	1	1	25183
11	HHCS; 5/16-18 X 3/4, GR. 5, ZINC	6	4	!HHCS03118075
12	LOCK WASHER; 5/16, GR.5, ZINC	4	4	!LWSH-031
13	FLAT WASHER; 5/16, GR. 5, ZINC	4	4	!FWSH-031
14	LOCK NUT; 5/16-18, GR. 5, ZINC	2	-	!LNUT-03118-N
15	HHCS; 3/8-16 X 5/8, GR. 5, ZINC	2	2	!HHCS03816063
16	LOCK WASHER; 3/8, GR. 5, ZINC	2	2	!LWSH-038
17	FLAT WASHER; 3/8 SAE, GR. 5, ZINC	2	2	!FWSH-038SAE



PARTS BREAKDOWN	04-03-17	26
25100-PHXD CROSSTUBES	SUPERSEDES -	25322



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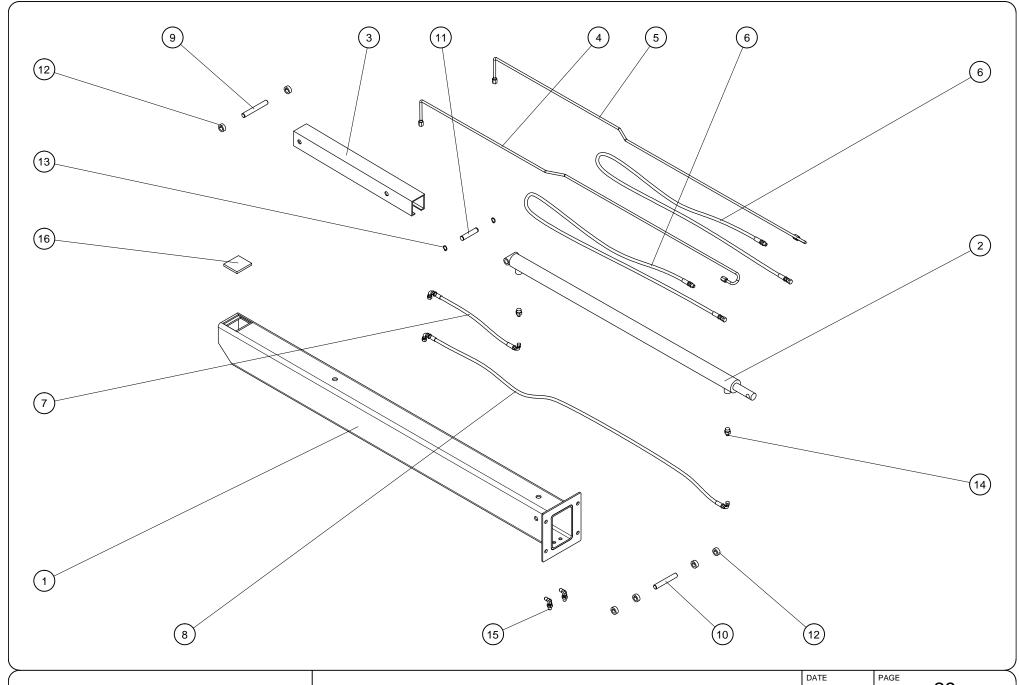
PARTS BREAKDOWN, CROSSTUBE ASSEMBLY	04-03-17	27
25100-PHXD OUTRIGGERS	SUPERSEDES -	25323

PARTS BREAKDOWN, PULLOUTS ASSEMBLY, 25100-PHXD OUTRIGGERS

	PARTS BREAKDOWN 25100-PHXD PULLOUTS ASSEMBLY	OUTBOARD	INBOARD	
#	DESCRIPTION	Q	TY	PART #
1	PULLOUT; 4' EXTENSION, 25100-CD/PH	1	1	25087-1
2	EXT. CYLINDER; 2" BORE X 48" STROKE	1	1	25086
3	CYLINDER HOUSING; BASE-END	1	1	25088
4	HYDRAULIC TUBE; INTERNAL LEFT	1	1	25136
5	HYDRAULIC TUBE; INTERNAL RIGHT	1	1	25137
6	HOSE ASSEMBLY; LEG UP & DOWN	2	2	25149
7	HOSE ASSEMBLY; CYLINDER OUT	1	1	25154
8	HOSE ASSEMBLY; CYLINDER IN	1	1	25155
9	SHAFT; BASE-END, EXTENSION	1	1	25051
10	SHAFT; ROD-END, EXTENSION	1	1	25052
11	SHAFT; CYLINDER HOUSING	1	1	25049
12	SHAFT COLLAR; 3/4", SET SCREW	6	6	00210
13	SNAP RING; 3/4", PLATED	2	2	!SRNG-075
14	FITTING; ADAPTER, STRAIGHT, 4MJ-8MO	2	2	H6400-0408
15	FITTING; BULKHEAD, 90°, LONG, 6MJ-6MJ	2	2	H2701LN-0606
16	UHMW PAD; 3-1/8 X 3-1/2 X 3/8	1	1	25081



PARTS BREAKDOWN	04-03-17	PAGE 28
25100-PHXD PULLOUTS	SUPERSEDES -	25324



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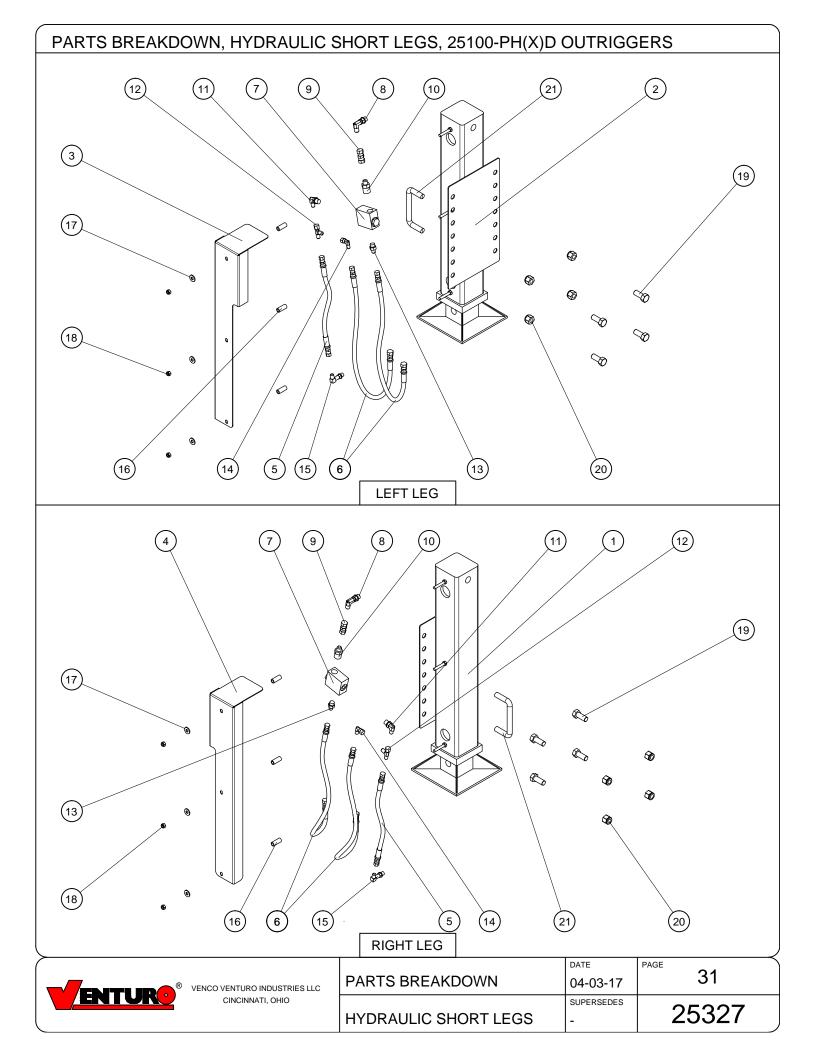
PARTS BREAKDOWN, PULLOUT ASSEMBLY	04-03-17	29
25100-PHXD OUTRIGGERS	SUPERSEDES -	25325

PARTS BREAKDOWN, HYDRAULIC SHORT LEGS, 25100-PH(X)D OUTRIGGERS

	PARTS BREAKDOWN HYDRAULIC SHORT LEGS ASSEMBLY		RIGHT	
#	DESCRIPTION	QTY		PART #
1	LEG; HYDRAULIC, SHORT, LEFT	1	-	25064-1
2	LEG; HYDRAULIC, SHORT, RIGHT	-	1	25064-2
3	COVER; SHORT HYD. LEG, LEFT	1	-	25069-1
4	COVER; SHORT HYD. LEG, RIGHT	-	1	25069-2
5	HOSE ASSEMBLY; SHORT LEG, RETURN	1	1	25063
6	HOSE ASSEMBLY; SHORT LEG, UP/DOWN	2	2	25147
7	VALVE BLOCK; POC, CARTRIDGE	1	1	22765
8	FITTING; ADAPTER, LONG, 90°, 6MO-6MJ	1	1	H6801L-0606
9	FITTING; COUPLING, SWIVEL, 6FJX-6FJX		1	H6565-0606
10	FITTING; ADAPTER, STRAIGHT, 6MJ-8MP	1	1	H2404-0608
11	FITTING; ADAPTER, ELBOW, 90°, 6MO-4MJ	1	1	H6801-0406
12	FITTING; ADAPTER, T-SHAPE, 4MJ-4FJX-4MJ	1	1	H6602-040404
13	FITTING; ADAPTER, STRAIGHT, 6MO-4MJ	1	1	H6400-0406
14	FITTING; ADAPTER, ELBOW, 90°, 4MJ-4FJX	1	1	H6500-0404
15	FITTING; ADAPTER, LONG, 90°, 4MO-4MJ	1	1	H6801LL-0404
16	SPACER; HYD. LEG COVER, 25100 O.R.'S	3	3	25070
17	7 FLAT WASHER; 5/16", GR. 5, ZINC		3	!FWSH-031
18	LOCK NUT; 5/16-18, GR. 5, ZINC, NYLON	3	3	!LNUT-03118
19	HHCS; 5/8-11 X 1-1/2", GR. 8, ZINC	4	4	!HHCS06311150-8
20	LOCK NUT; 5/8-11, GR. 8, ZINC, NYLON	4	4	!LNUT-06311-8
21	C-HANDLE; MANUAL PULLOUT ONLY	1	1	19344

ENTURO [®]	
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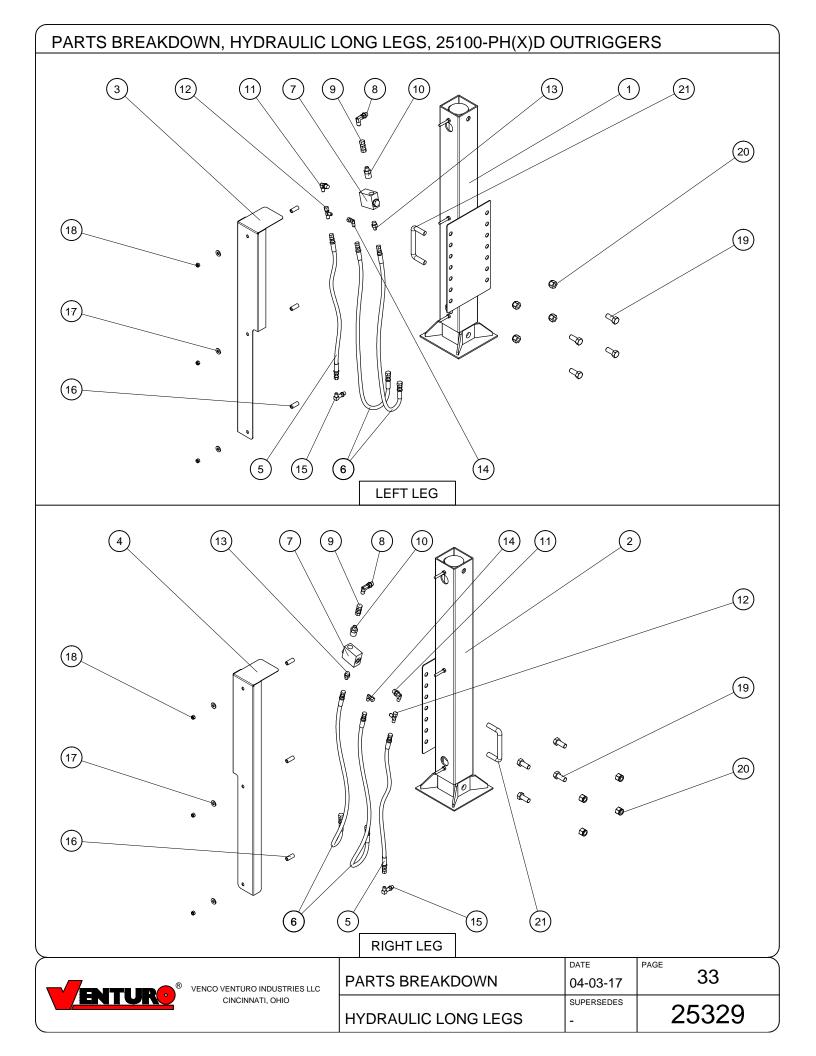
PARTS BREAKDOWN	04-03-17 SUPERSEDES	25326
HYDRAULIC SHORT LEGS	_	25326



PARTS BREAKDOWN, HYDRAULIC LONG LEGS, 25100-PH(X)D OUTRIGGERS

	PARTS BREAKDOWN HYDRAULIC LONG LEGS ASSEMBLY			
#	DESCRIPTION	Q	TY	PART #
1	LEG; HYDRAULIC, LONG, LEFT	1	-	25055-1
2	LEG; HYDRAULIC, LONG, RIGHT	-	1	25055-2
3	COVER; LONG HYD. LEG, LEFT	1	-	25068-1
4	COVER; LONG HYD. LEG, RIGHT	-	1	25068-2
5	HOSE ASSEMBLY; LONG LEG, RETURN	1	1	25063
6	HOSE ASSEMBLY; LONG LEG, UP/DOWN	2	2	25152
7	VALVE BLOCK; POC, CARTRIDGE	1	1	22765
8	FITTING; ADAPTER, LONG, 90°, 6MO-6MJ	1	1	H6801L-0606
9	9 FITTING; COUPLING, SWIVEL, 6FJX-6FJX		1	H6565-0606
10	FITTING; ADAPTER, STRAIGHT, 6MJ-8MP	1	1	H2404-0608
11	FITTING; ADAPTER, ELBOW, 90°, 6MO-4MJ	1	1	H6801-0406
12	FITTING; ADAPTER, T-SHAPE, 4MJ-4FJX-4MJ	1	1	H6602-040404
13	FITTING; ADAPTER, STRAIGHT, 6MO-4MJ	1	1	H6400-0406
14	FITTING; ADAPTER, ELBOW, 90°, 4MJ-4FJX	1	1	H6500-0404
15	FITTING; ADAPTER, LONG, 90°, 4MO-4MJ	1	1	H6801LL-0404
16	SPACER; HYD. LEG COVER, 25100 O.R.'S	3	3	25070
17	7 FLAT WASHER; 5/16", GR. 5, ZINC		3	!FWSH-031
18	LOCK NUT; 5/16-18, GR. 5, ZINC, NYLON	3	3	!LNUT-03118
19	HHCS; 5/8-11 X 1-1/2", GR. 8, ZINC	4	4	!HHCS06311150-8
20	LOCK NUT; 5/8-11, GR. 8, ZINC, NYLON	4	4	!LNUT-06311-8
21	C-HANDLE; MANUAL PULLOUT ONLY	1	1	19344

PARTS BREAKDOWN	04-03-17	32
HYDRAULIC LONG LEGS	SUPERSEDES	25328



VENTURO CRANES LIMITED WARRANTY POLICY



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

As a purchaser of any new Venturo product covered by warranty, you will receive 1 year of the most complete coverage available...and, at no added cost to you.

1-Year Limited Warranty Policy

This limited policy warrants new products of Venturo to be free from defects in material and workmanship for a period of one (1) year from date of original installation. OEM products or accessories purchased by Venturo 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. 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 Venturo 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, Venturo requires the model and serial number. Only authorized Venturo Distributors can perform warranty. For the name and address of your local Venturo 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 Venturo Distributor. No modifications or alterations may be made to any Venturo product without the expressed written consent of Venco Venturo Industries LLC. Installation of any Venturo product must be done by an authorized Venturo 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.

VENCO VENTURO INDUSTRIES LLC

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