



**VENCO  
VENTURO**

**INDUSTRIES LLC**

**VC750FB VAN CRANE**

**VJCAA  
INSTALLATION & OWNER'S MANUAL**

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**VC750FB (VJCAA) OWNER'S MANUAL**

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TITLE	DATE	SECTION
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# SECTION 100

# INSTALLATION

**PACKAGE CONTENTS**  
VC750FB (VJCAAA)

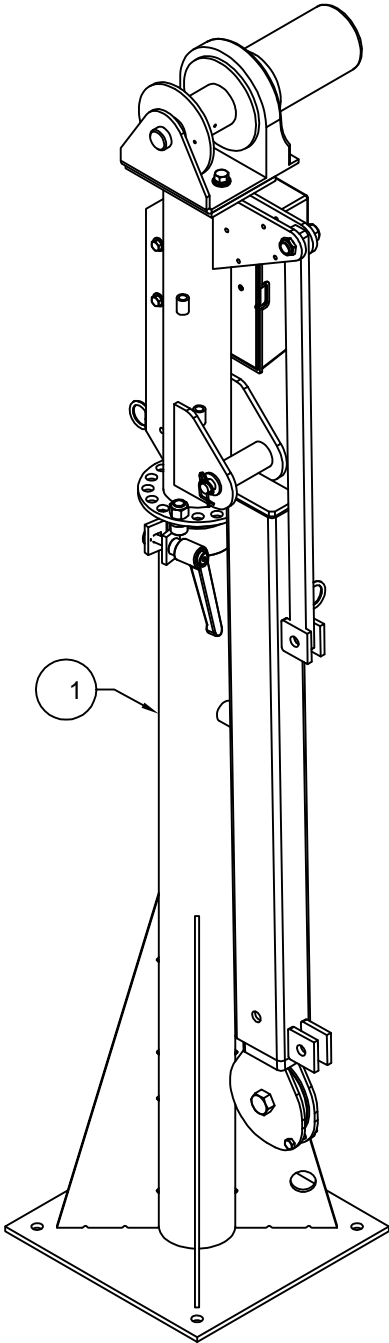
The VC750FB Van Crane will ship with some sections pre-assembled from the factory. Below are illustrations to help identify the Van Crane and Installation Kit components.

**VC750FB VAN CRANE**

Locate and identify the following crane sections:

1. VC750FB Crane frame with winch

NOTE: Some fasteners are located in the installation kit.



**CEV195 INSTALLATION KIT**

Locate and identify the following components:

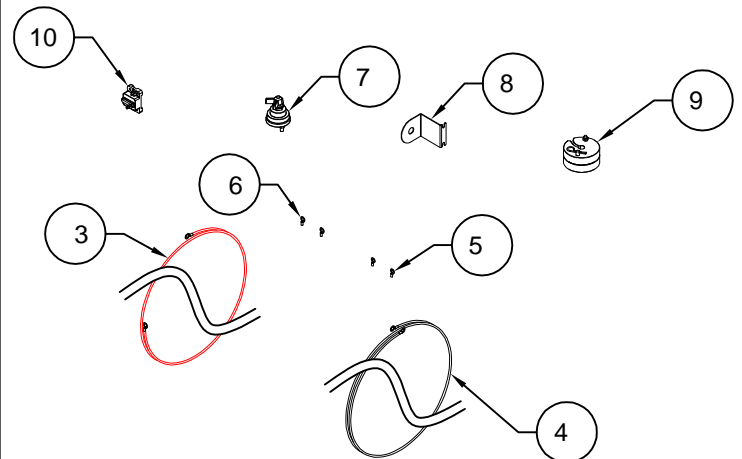
- † 2. [1] Installation Kit Box (#BOX24\*12\*8)
3. [1] Red Battery Cable (#01025-4\*29FT)
4. [1] Black Battery Cable (#01025-4\*28FT)
5. [2] 5/16 Terminal Ring (!TERM4G313RG)
6. [2] 3/8 Terminal Ring (!TERM4G375RG)
7. [1] Master Disconnect Switch (#13451)
8. [1] Switch Mounting Bracket (#19516)
9. [1] Headache Ball Assembly (#16735)

**FASTENERS**

- † 10. [4] 1/2-13 X 1/2" HH Cap Screws (!HHCS05013150)
- † 11. [4] 1/2" SAE Flat Washers (!FWSH-050SAE)
- † 12. [4] 1/2-13 Lock Nuts, Nylon (!LNUT-05013)

**OPTIONAL EQUIPMENT**

13. [1] 150A CIRCUIT BREAKER (#22946-150)



† NOT SHOWN



TITLE  
**PACKAGE CONTENTS**

VC750FB (VJCAAA)

DATE  
**11-03-16**

SUPERSEDES  
-

SECTION  
**C100**

**CEV182**

INSTALLATION INSTRUCTIONS / MINIMUM HARDWARE SPECIFICATIONS  
 VC750FB (VJCAAA) VAN CRANES ▲

THE VC750FB VAN CRANE IS DESIGNED TO BE INSTALLED IN EITHER THE RIGHT SIDE OF THE VAN NEAR THE SIDE CARGO DOOR (PRIMARY LOCATION) OR THE RIGHT REAR CORNER (SECONDARY LOCATION). ▲

!! MINIMUM HARDWARE SPECIFICATIONS !!

**Reinforcement plates**

It is the installer's responsibility to ensure the van's floor structure is able to withstand the stresses applied when lifting and maneuvering loads into and out of the van. Additional sub-floor plating may be required.

**Bolts** ▲

The VC750FB mounting bolts should be 1/2" in diameter with 13 threads per inch (1/2-13), grade 5 steel zinc plated. Lengths will vary depending on crane location, vehicle structure, and / or additional reinforcement requirements.

**Washers**

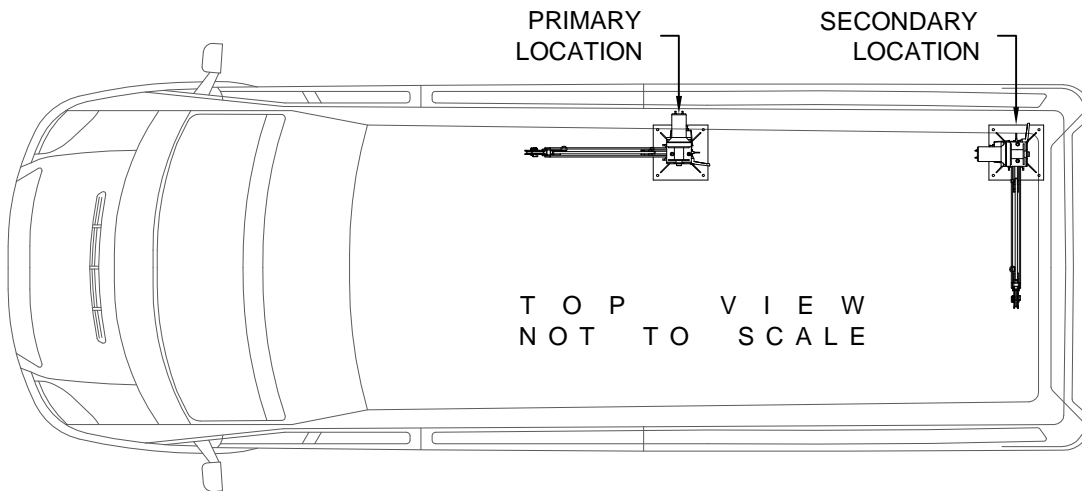
Use 1/2" flat washers. One [1] flat washer per bolt head (where applicable) and one [1] flat washer for the Nylon lock (nyloc) nut. Washers must be at grade 5 steel and zinc plated.

**Nyloc Nuts**

Four [4] 1/2-13 nyloc nuts must be properly torqued to 75 ft. lbs. to secure the crane to the van floor.

**! C A U T I O N**

- ▲ THE VC750FB (750 LBS.) CAPACITY IS BASED UPON VAN'S STRUCTURAL LIMITATIONS OF THE FLOOR, NOT WINCH CAPACITY. IT IS THE INSTALLER'S RESPONSIBILITY TO ENSURE PROPER REINFORCEMENT OF VAN'S STRUCTURE TO SUPPORT THE CRANE AND ITS LOAD.

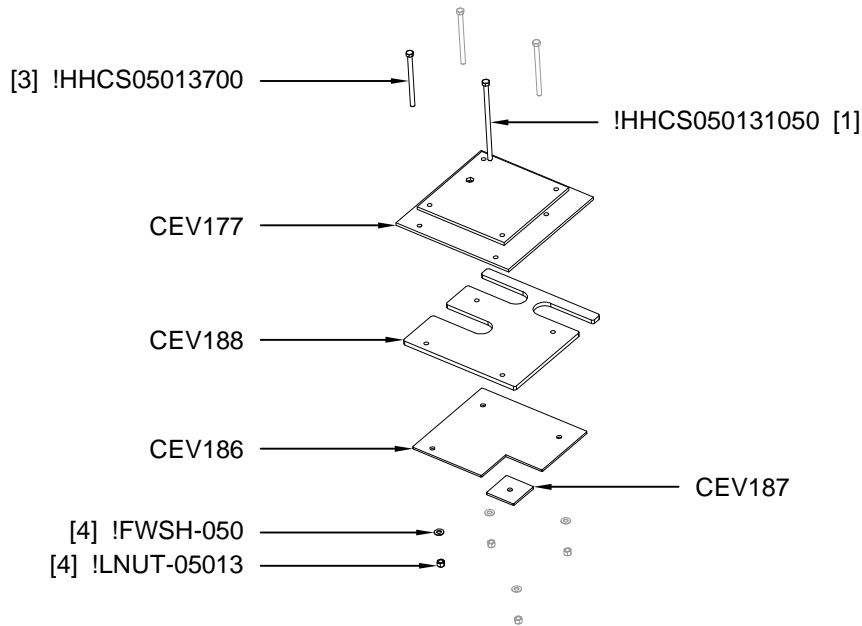


▲ THE ILLUSTRATION ABOVE SHOWS THE GENERAL PLACEMENT OPTIONS FOR THE VC750FB VAN CRANE, AND IS TO BE USED FOR REFERENCE ONLY. SPECIFIC LOCATIONS WILL BE LIMITED BY VEHICLE STRUCTURES AND / OR INSTALLER PREFERENCE(S).



TITLE	DATE	SECTION
INSTALL. INSTRUCTIONS	01-30-17C	C100
VC750FB VAN CRANES	SUPERSEDES 11-18-16B	CEV155

**READ ALL INSTRUCTIONS FIRST BEFORE PERFORMING INSTALLATION**



**! W A R N I N G**

ADDITIONAL HELP WILL BE REQUIRED TO PERFORM THE INSTALLATION OF YOUR VAN CRANE

**1**

Shown in caption 1 above is the undercarriage of the 2016 Ford Transit Van (Mid/High Roof model). The slots indicated above are where the threaded bolts will feed thru to secure the Washer Plates.

**2**

Remove any matting by first placing the Adapter Weldment (CEV177) on top, measuring 3-7/16" and 1/4" from the edges as shown in caption 2. When these measurements are obtained, mark and carefully remove the matting.

**3**

Place the Spacer Plate (CEV188) as shown in caption 3, using the same measurements from caption 2. Mark the [4] 1/2" holes and move Spacer Plate aside. Drill [4] 1/2" clearance holes.

**!! CAUTION !!**

**Prior to drilling, make sure there are no obstacles under the floor (i.e. brake lines, fuel lines, etc.).**

**4**

Feed [4] 1/2-13 X 1-1/2" bolts thru the larger plate of the Adapter Weldment (CEV177). The hexagonal cutouts of the larger plate will keep the bolts from turning when attaching the van crane. Taping the holes will keep them from falling out.

PROCEED TO DRAWING CEV131

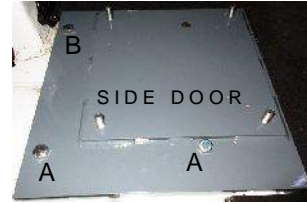
	TITLE CEV900-1VJS INSTALLATION	DATE 11-17-16	SECTION C100
	VC750FB (VJCAA)	SUPERSEDES -	CEV130

5



Return the Spacer Plate (CEV188) back into place using the drilled holes for alignment. Carefully slide the Adapter Weldment Plate (CEV177) over the Spacer Plate. Use [1] 1/2-13 X 7" bolt, indicated above, to help align Weldment Plate onto Spacer Plate.

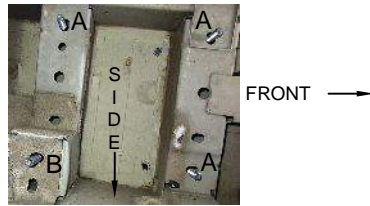
6



Place the remaining bolts as follows:

- A 1/2-13 X 7" [2]
- B 1/2-13 X 10-1/2" [1]

7



From underneath, the bolts should clear each of the vehicle's slots.

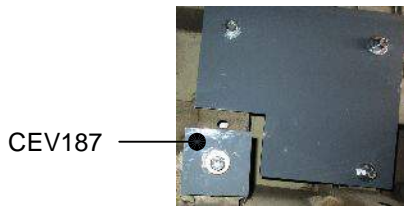
- A 1/2-13 X 7" [3]
- B 1/2-13 X 10-1/2" [1]

8



Carefully align and place the Washer Plate 'L' (CEV186) as shown in caption 8. While holding the plate up against the vehicle's frame, insert [1] 1/2" flat washer and [1] 1/2-13 lock nut onto each bolt.

9



Attach the smaller washer plate (CEV187) with [1] 1/2" flat washer and [1] 1/2-13 lock nut as shown in caption 9. Do not tighten at this time.

10



Align the smaller washer plate edges with the vehicles frame, and tighten the nylon lock nut. Torque to 75 ft. lbs. Tighten the [3] other lock nuts to 75 ft. lbs.

11

INTENTIONALLY LEFT BLANK

12

INTENTIONALLY LEFT BLANK

PROCEED TO DRAWING CEV183



TITLE  
 CEV900-1VJS INSTALLATION  
 VC750FB (VJCAAA)

DATE  
 11-17-16A  
 SUPERSEDES  
 11-10-16

SECTION  
 C100  
 CEV131

**READ ALL INSTRUCTIONS FIRST BEFORE PERFORMING INSTALLATION**

**! W A R N I N G**

- WEIGHT OF THE CRANE ASSEMBLY IS APPROXIMATELY 165 LBS.  
ADDITIONAL HELP WILL BE REQUIRED TO PERFORM THE NEXT STEP(S)



Carefully place the crane on top of the mounting plate as shown in caption 1. Make sure the gusset with the hole is near the inner van wall and that the bolts feed thru each hole of the crane's base plate.



Feed [4] 1/2" flat washers and [4] 1/2-13 nylon lock nuts (nyloc) onto each bolt sticking up thru the crane's base plate as shown in caption 2. Torque nyloc nuts to 75 ft. lbs.



Make sure the Rotation Stops keep the boom from making contact with any part of the van.



It may be necessary to adjust the Rotation Stop hardware to keep the boom from colliding with any part of the van or fixtures.



TITLE  
INSTALL. INSTRUCTIONS

DATE  
11-18-16A

SECTION  
C100

VC750FB (VJCAA)

SUPERSEDES  
11-04-16

CEV183



**INSTALLATION INSTRUCTIONS (ELECTRICAL)**  
**VC750FB (VJCAAA) VAN CRANES ▲**

Using the [2] battery cables in the kit (provided), install the ground (black) and 12V (red) to the crane's contactor box per drawing CEV223.

Install the master disconnect switch close to the crane and within reach of the operator. Using the red battery cable, route the cable to the disconnect switch. The cable will need to be cut to length. Strip both ends of cable, install the heat shrink tube and the battery terminal (provided). Crimp or solder the terminals on each end and slide the heat shrink insulator up onto the terminal. Use a heat gun or equivalent to seal the tube to the cable.

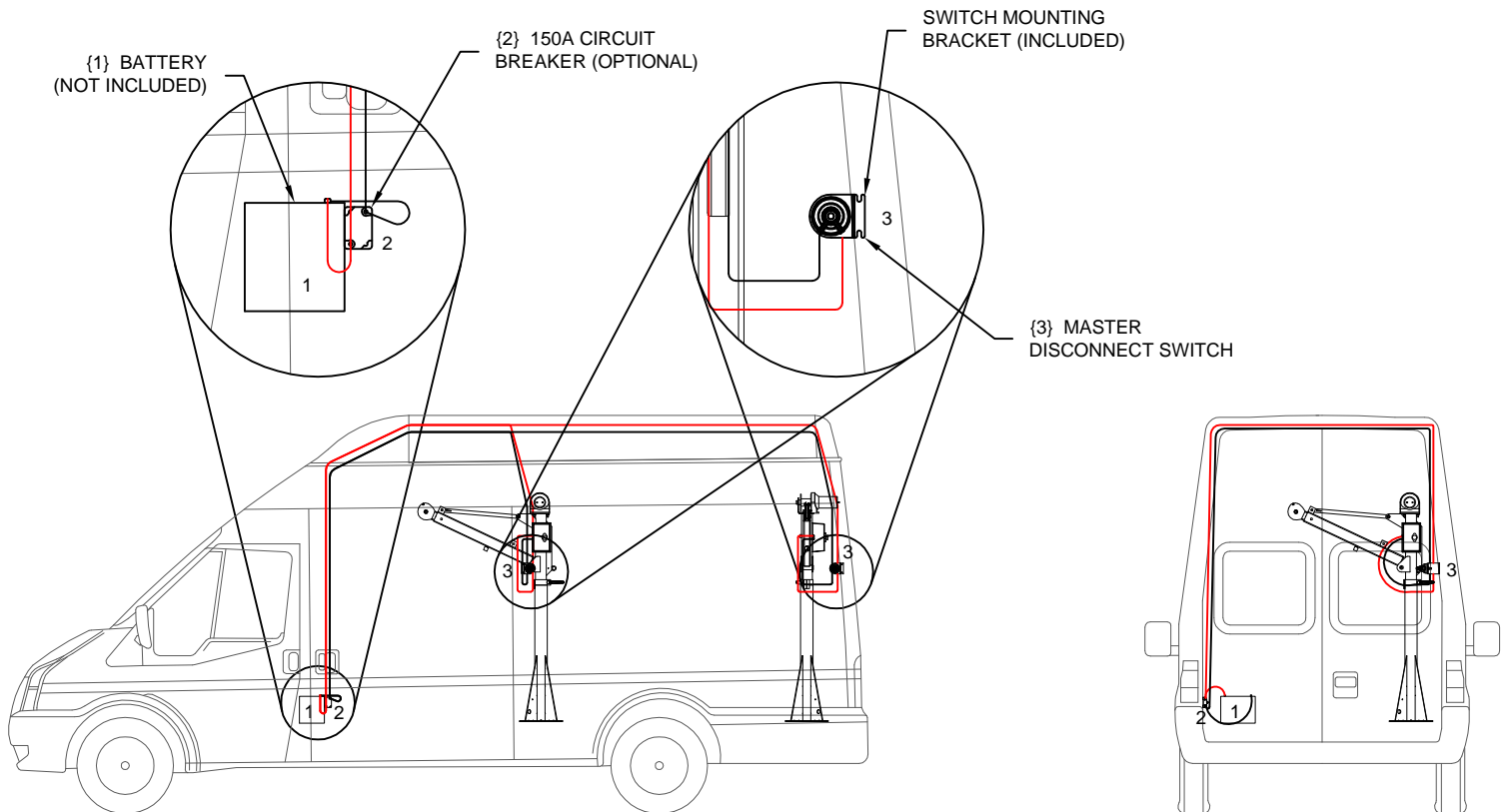
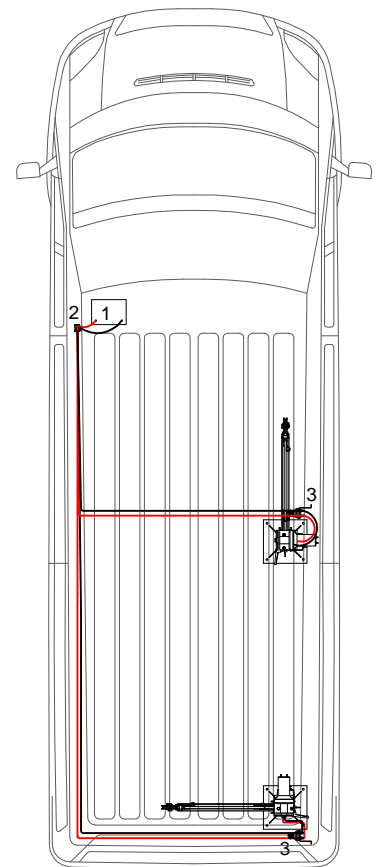
Connect the crane side of the cable to the master disconnect switch and the other cable's end to the second terminal on the switch.

**NOTE:** Both ground and 12v cables must be routed directly to the battery (not included).

Route cables using the vehicles current harness path. Secure both cables to the battery (located under the driver's seat), while protecting them from sharp edges, heat or anything that could damage the cables. Install the black cable to the negative (-) post and red cable to the positive (+) post.

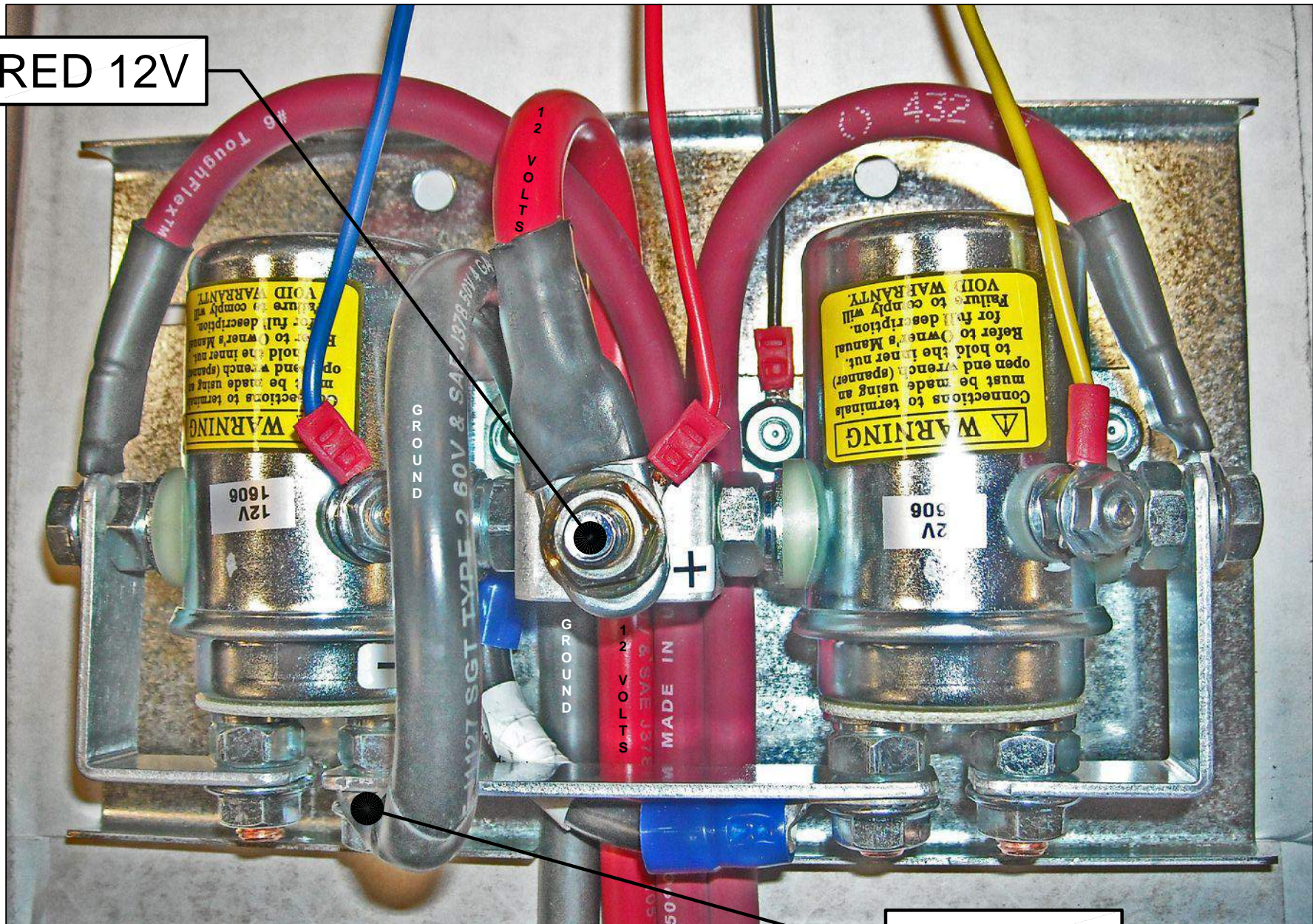
**NOTE:** If you purchased the optional 12v 150 amp circuit breaker, install the circuit breaker as close to the battery as possible. The red 12v cable will need to be cut and the heat shrink & terminals installed in the same manner as the master disconnect switch.

Plug the pendant into the contactor box and turn the master disconnect switch 'ON'. Crane is ready for use. When crane is not in use, the master disconnect switch must be 'OFF' and the pendant removed.



TITLE	DATE	SECTION
ELEC. INSTALL. INSTRCTNS	01-30-17A	C100
VC750FB VAN CRANES ▲	SUPERSEDES	
	11-01-16	CEV169

RED 12V



GROUND



TITLE  
BATTERY CABLE INSTALLATION

DATE  
08-30-16

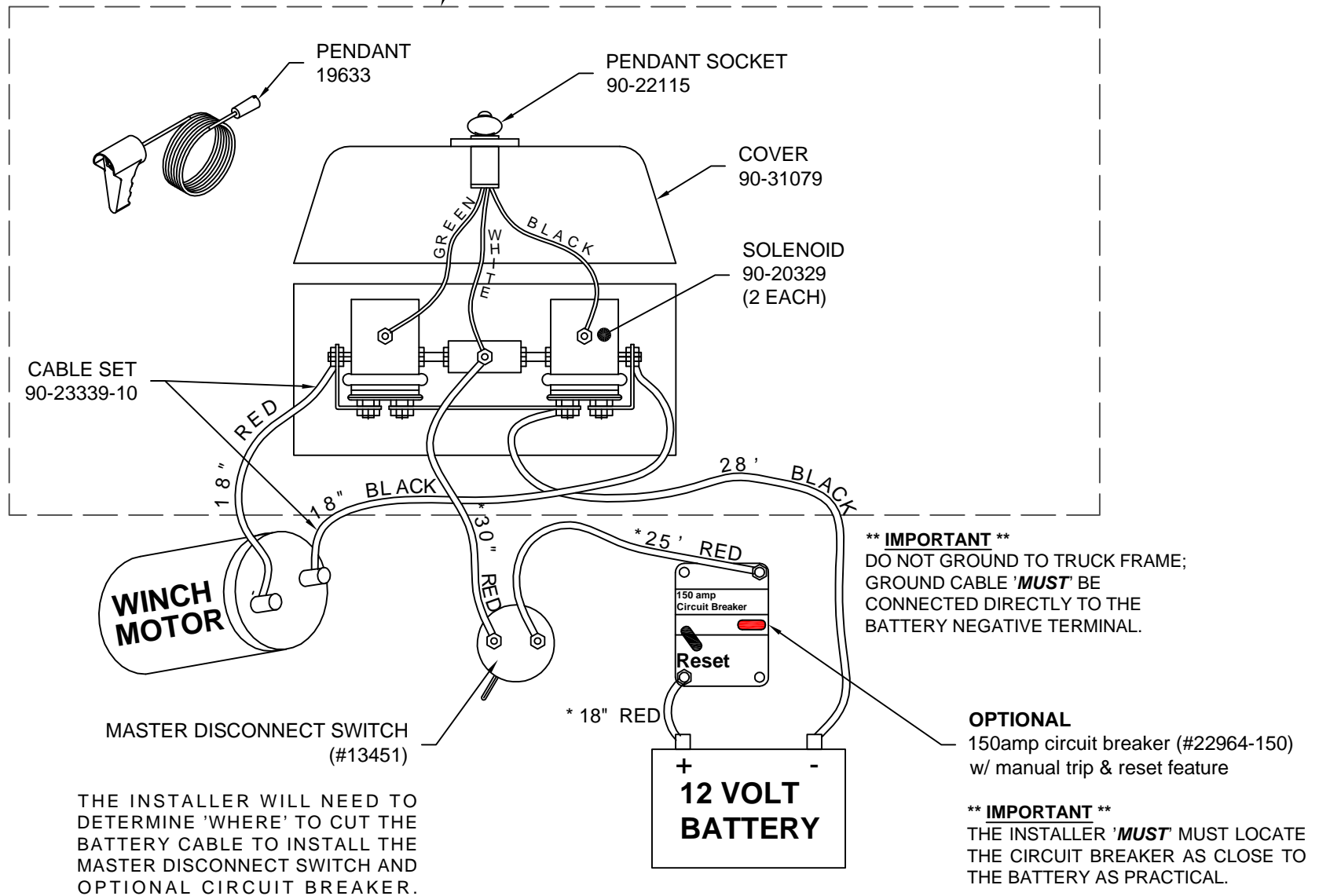
SECTION  
C100

CE-008 CONTACTOR BOX

SUPERSEDES  
-

CEV223

CE-008 KIT  
NOTE: CE-008-D = KIT LESS 19633 PENDANT



\* RED CABLE LENGTHS ARE FOR REFERENCE ONLY. INSTALLATION LENGTHS MAY VARY.



TITLE  
WIRING DIAGRAM

DATE  
01-30-17A SECTION  
C100

VC750FB (VJCAA) VAN CRANES ▲

SUPERSEDES  
11-01-16 SECTION  
CEV172



# SECTION 200

# USER GUIDE

**CAUTIONS**

1. INSPECT VEHICLE AND CRANE, INCLUDING OPERATION, PRIOR TO USE DAILY.
2. DO NOT USE THIS EQUIPMENT EXCEPT ON SOLID, LEVEL SURFACE WITH CRANE MOUNTED ON FACTORY RECOMMENDED TRUCK.
3. BEFORE OPERATING THE CRANE, REFER TO MAXIMUM LOAD (CAPACITY) CHART ON CRANE FOR OPERATING (LOAD) LIMITATIONS.
4. DO NOT OPERATE, WALK, OR STAND BENEATH BOOM OR A SUSPENDED LOAD.
5. UNPLUG PENDANT (AND OPTIONAL ELECTRIC QUICK DISCONNECT, IF ON MODEL) WHEN NOT IN USE.
6. FOR TRAVEL, BOOM MUST BE TIED DOWN IN THE STOWED POSITION.

**DANGER**

- THIS CRANE IS NOT A PASSENGER LIFT
- IT IS NOT DESIGNED OR INTENDED TO BE USED TO LIFT, SUPPORT, OR OTHERWISE TRANSPORT PERSONNEL.

**YOU MUST NOT OPERATE THIS CRANE UNLESS :**

1. YOU HAVE BEEN TRAINED IN THE SAFE OPERATION OF THIS CRANE, **AND**
2. YOU KNOW AND FOLLOW THE SAFETY AND OPERATION RECOMMENDATIONS CONTAINED IN THE MANUFACTURER'S MANUALS, YOUR EMPLOYER'S WORK RULES, AND APPLICABLE GOVERNMENT REGULATIONS. AN UNTRAINED OPERATOR SUBJECTS THEMSELVES AND OTHERS TO DEATH OR SERIOUS INJURY.

REFERENCE SAFETY MANUAL INST-23233



TITLE	DATE	SECTION
CRANE SAFETY & HZRDS	02-20-17E	C200
▲ CE-/CEV/ESV SERIES CRANES	SUPERSEDES 09-08-16D	CE-044

# OPERATING INSTRUCTIONS

## ELECTRIC WINCH

The winch is operated by a control switch in a plug-in remote pendant. Unplug the pendant and store it in the vehicle when the crane is not in use. For optional 110 volt AC winch, the pendant is non-removable.

## ROTATION LOCK

Before lifting the load, make sure the brake handle is tightened to keep boom from rotating (do not pull items at an angle. The load hook must be centered over the load.)

## BOOM TIE-DOWN

Release support bar and store crane in the folded position with pin assembly included in the support bar (See drawing CEV156).



# C A U T I O N

- BOOM MUST BE FOLDED AND SECURED (STOWED POSITION) BEFORE DRIVING VEHICLE. DO NOT DRIVE WITH BOOM EXTENDED OUT.

## MASTER DISCONNECT SWITCH

The Master Disconnect Switch isolates electrical power from the crane and should be switched OFF anytime the crane is NOT in use.

## OPTIONAL CIRCUIT BREAKER

An optional 150amp circuit breaker (#22964-150) is available. The circuit breaker should be placed between the lead-acid battery supply and the crane; ***as close as practical to the lead-acid battery.***

# MAINTENANCE

## WINCH

The winch is permanently lubricated. There may be grease leakage out of the winch, especially during the first few operations. This is normal and it is not necessary to grease or oil any part of the winch at any time.

## WIRE ROPE

Inspect wire rope periodically. If any wear or fraying exists, replace wire rope.



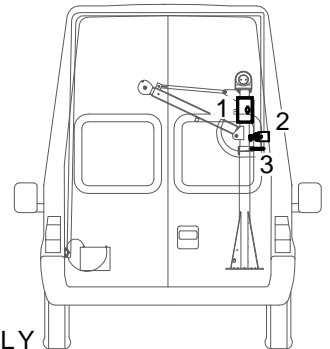
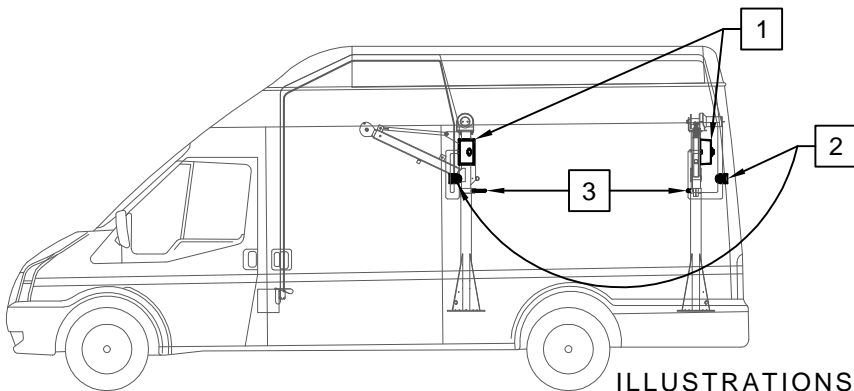
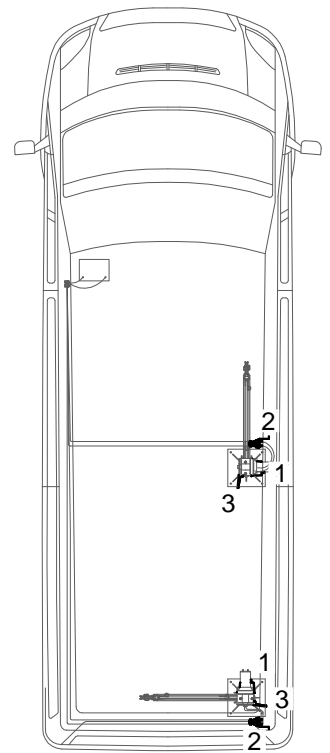
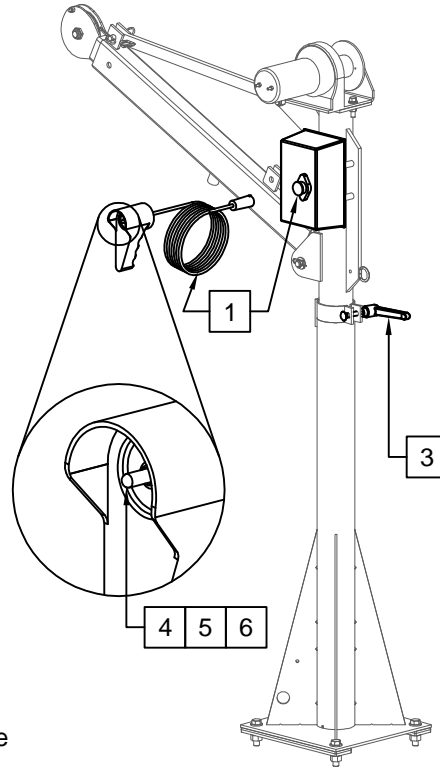
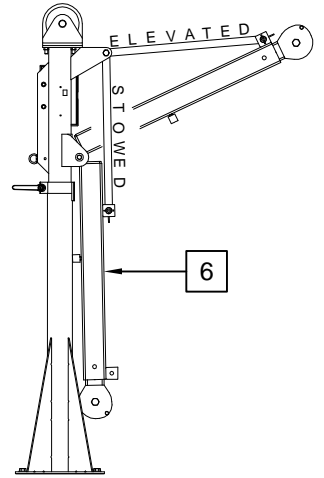
TITLE	DATE	SECTION
OPER. INSTR. & MNTNCE	01-30-17B	C200
VC750FB VAN CRANES ▲	SUPERSEDES 11-01-16A	CEV150

**USER GUIDE**

**VC750FB (VJCAAA) VAN CRANES ▲**

- Prior to using crane, read all operator instructions and Safety Manual
- Make sure you are familiar with all of the controls, functions, and locking mechanisms
- Read and adhere to all safety placards that are installed on the crane and the vehicle
- Since the manufacturer has no direct control over the crane application and operation, conformance with good safety practices is the responsibility of the operator
- The van and crane are to be positioned on firm level surfaces with the chassis brake engaged
- Whenever possible, always rotate the crane or boom by 'pushing' away from you
- Always use proper rigging hardware and slings

1. Plug control pendant into socket located on the crane
2. Turn Master Disconnect Switch to the 'ON' position
3. Loosen Brake Handle to rotate the crane and center the wire rope hook over the load
4. Using the pendant, lower hook to the load and attach to the proper rigging hardware / sling(s)
5. Carefully raise the load so it will clear the van floor and move load to desired location
6. Unhook the load and stow the hook. Reposition the crane into the stowed position for travel, and secure the load.



ILLUSTRATIONS FOR REFERENCE ONLY



TITLE <b>USER INSTRUCTIONS</b>	DATE <b>01-30-17B</b>	SECTION <b>C200</b>
<b>VC750FB VAN CRANES ▲</b>	SUPERSEDES <b>11-01-16A</b>	<b>CEV156</b>



# SECTION 300

# SPECIFICATIONS

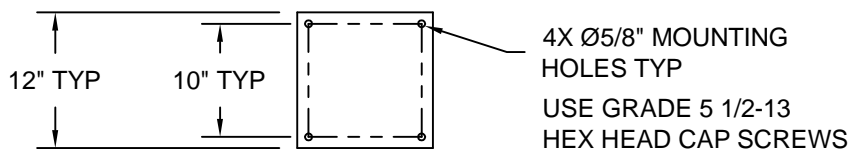
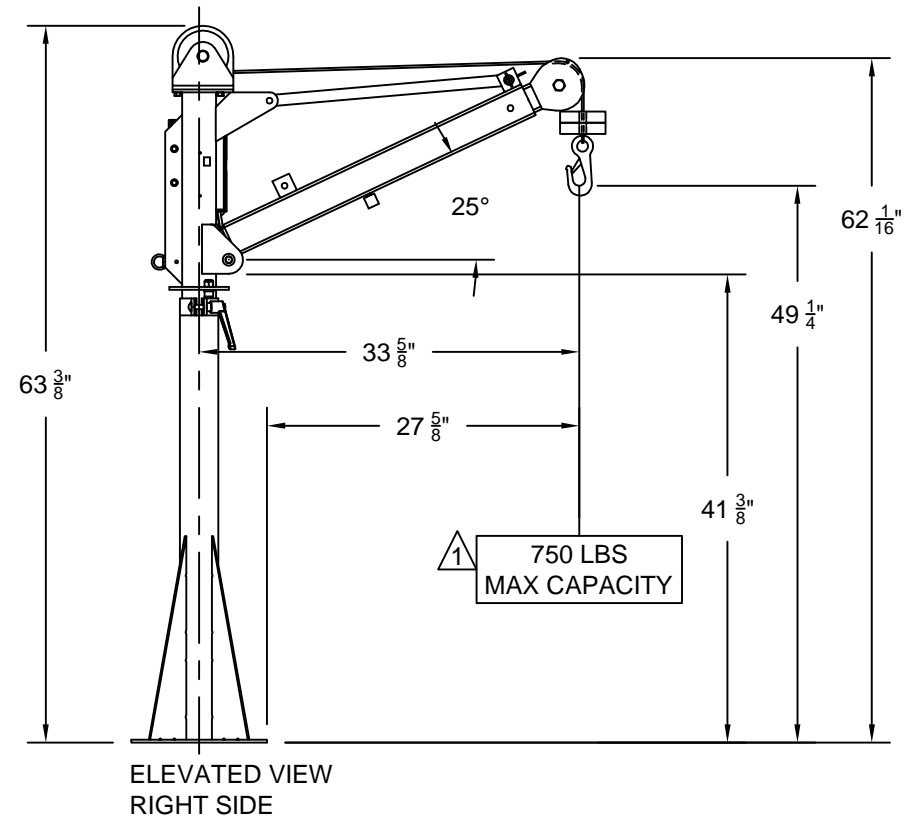
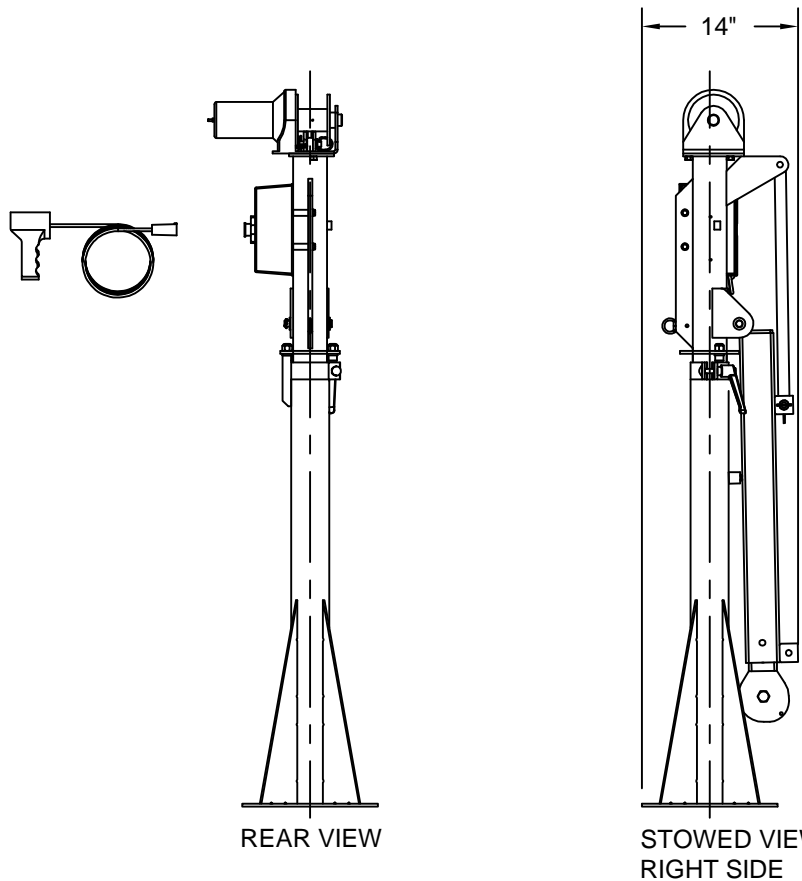


# CAUTION

- 750 LBS MAXIMUM CAPACITY IS BASED UPON TYPICAL VAN FLOOR STRUCTURE LIMITATIONS, NOT WINCH CAPACITY. IT IS THE SOLE RESPONSIBILITY OF THE INSTALLER TO DETERMINE IF ADDITIONAL FLOOR REINFORCEMENT IS NECESSARY.

# WARNING

- THESE PRODUCTS ARE NOT PASSENGER LIFTS. THEY ARE NOT DESIGNED OR INTENDED TO BE USED TO LIFT, SUPPORT OR OTHERWISE TRANSPORT PERSONNEL.



TITLE  
DIMENSIONS & CAPACITY

VC750FB (VJCAAA)

DATE  
11-03-16

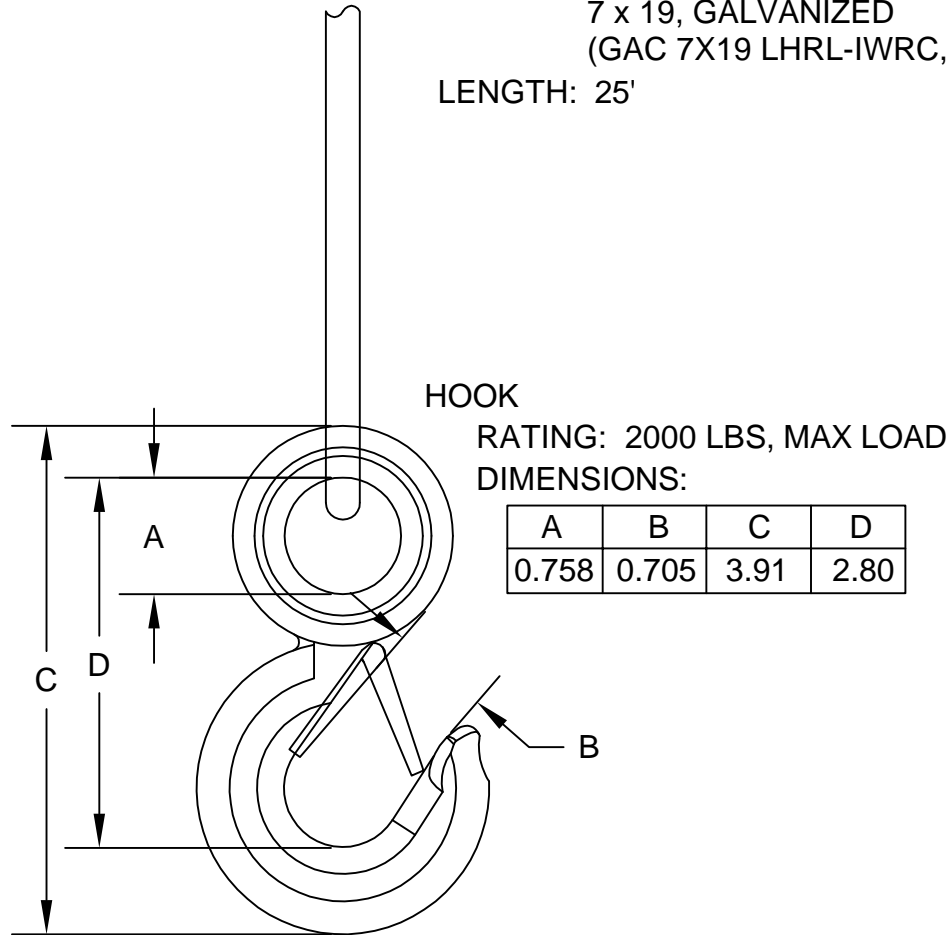
SUPERSEDES  
-

SECTION  
C300

CEV189

# 15810-3/16-25 WIREROPE ASSEMBLY

TYPE: 3/16" DIAMETER  
 7 x 19, GALVANIZED  
 (GAC 7X19 LHRL-IWRC, SB 4200)  
 LENGTH: 25'



TITLE  
 WIREROPE & HOOK SPECIFICATIONS

DATE  
 02-22-17G

SECTION  
 C300

VC750FB/1000 & ESV-1000 SERIES CRANES ▲

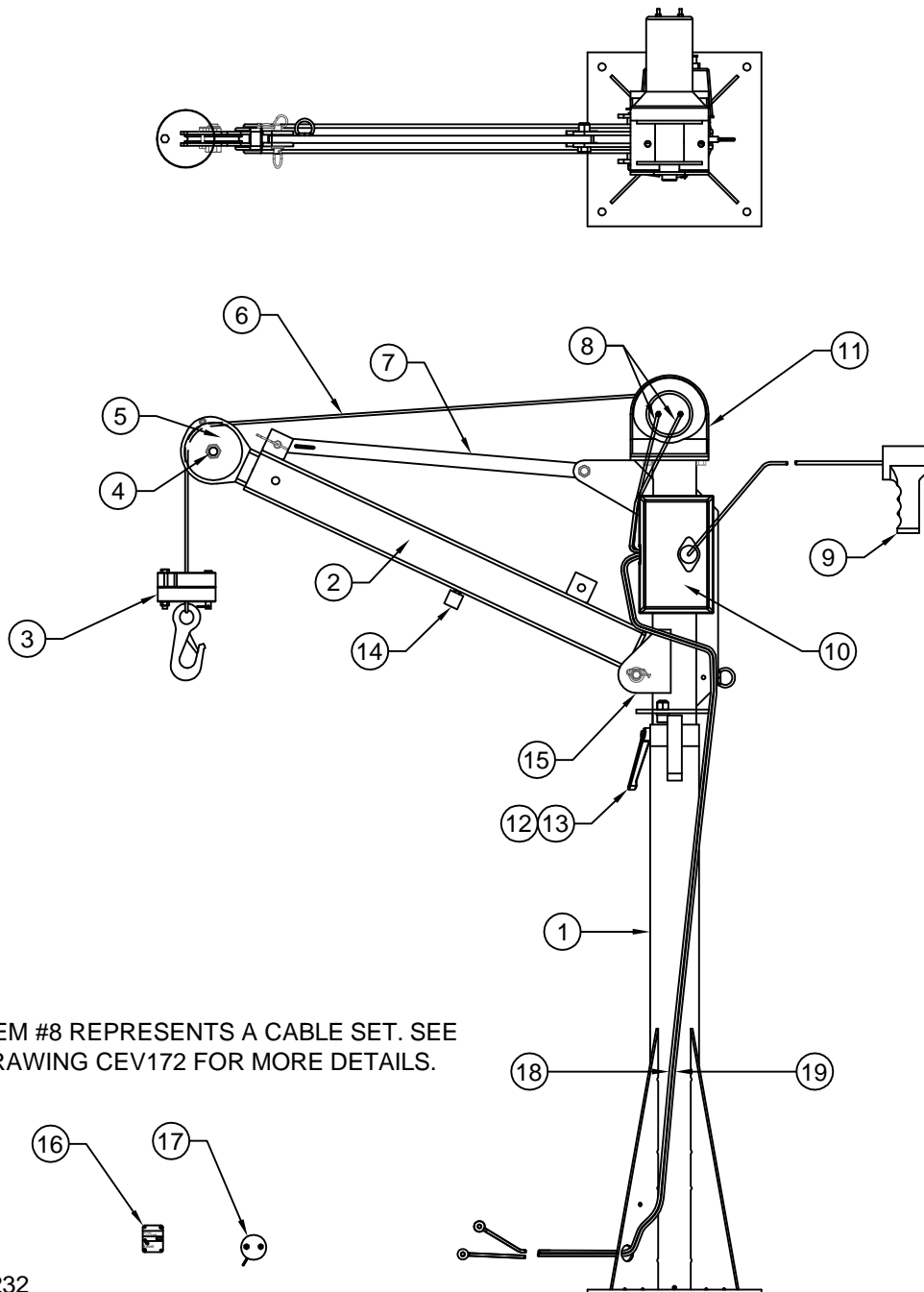
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 01-30-17F

CEV162

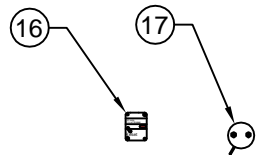


# SECTION 400

# PARTS



NOTE:  
 ITEM #8 REPRESENTS A CABLE SET. SEE  
 DRAWING CEV172 FOR MORE DETAILS.



SEE REPLACEMENT PARTS LIST #CEV232



TITLE  
 REPLACEMENT PARTS DRAWING  
 VC750FB (VJCAA)

DATE  
 11-03-16  
 SUPERSEDES  
 -

SECTION  
 C400  
 CEV231

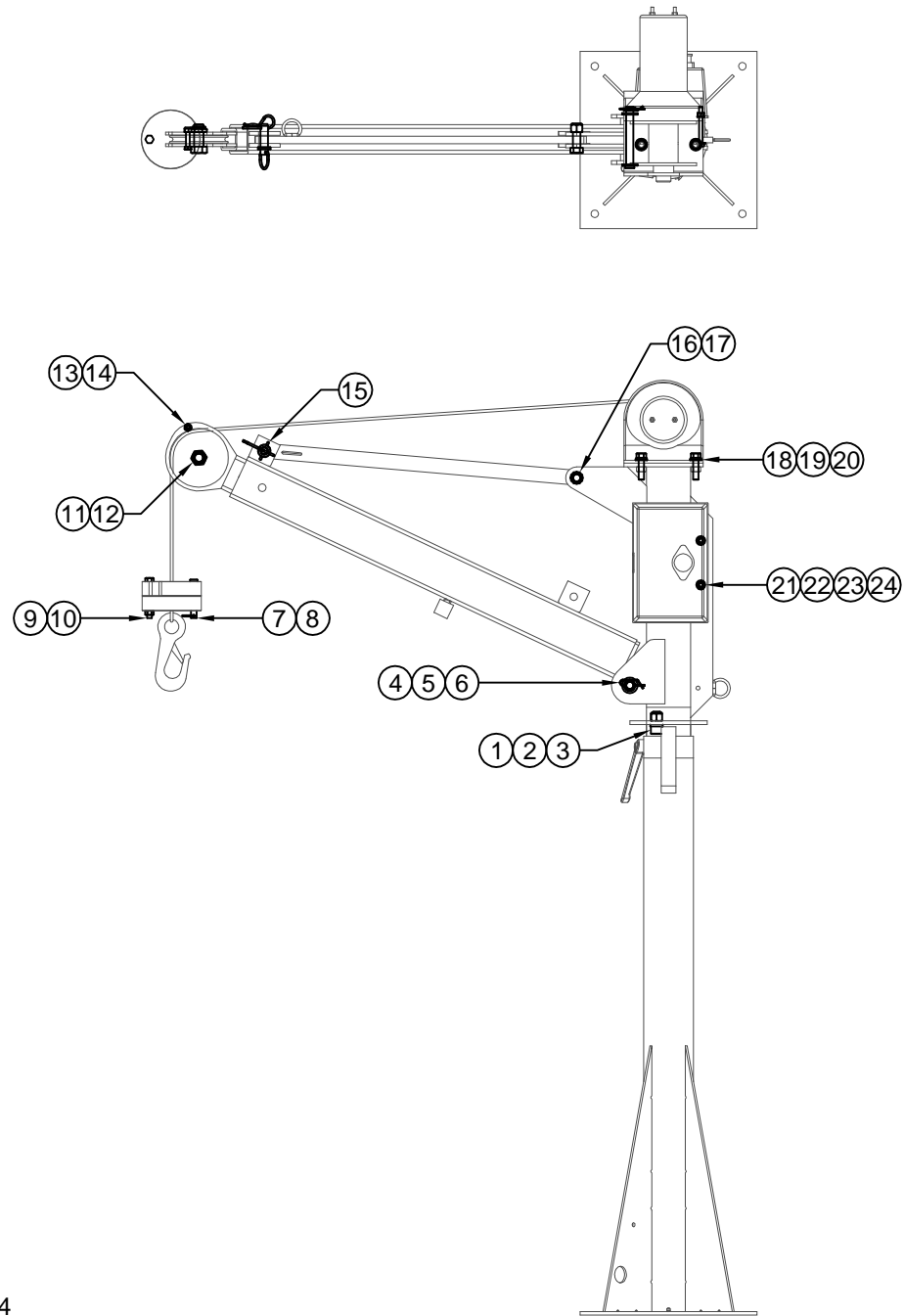
REPLACEMENT PARTS LIST  
VC750FB (VJCAAA)

ITEM	PART NUMBER	QTY	DESCRIPTION
1	CE-150	1	BASE ASSEMBLY
2	CEV153	1	WELDED ASSEMBLY; PRIMARY BOOM
3	16735	1	HEADACHE BALL ASSEMBLY
4	13168-7	1	SLEEVE
5	19646	1	SHEAVE WITH BUSHING
6	15810-3/16-25	1	WIRE ROPE & HOOK ASSEMBLY
7	CEV164	1	SUPPORT BAR ASSEMBLY
8	90-23339-10	1	CABLE SET; #8 GA., RED & BLACK CABLES (REF. DWG #CEV172)
9	CE-006	1	PENDANT
10	CE-008	1	REMOTE KIT
11	CE-009	1	WINCH (MODEL X1, REF. P/N 1102C)
12	CE-017	1	BRAKE HANDLE
13	!CHCS03816150	1	CARRIAGE BOLT; 3/8-16 X 1-1/2" LG., GR. 5
14	PL-20-364	1	BUMPER
15	CE-059-3	1	UPPER BODY ASSEMBLY
16	22946-150	(1)	OPTIONAL CIRCUIT BREAKER; 150A, MANUAL RESET / TRIP
17	13451	1	MASTER DISCONNECT SWITCH
18	01025-4*29FT	1	BATTERY CABLE ASSY; #4 GAUGE, RED
19	01025-4*28FT	1	BATTERY CABLE ASSY; #4 GAUGE, BLACK
20	-	-	-
21	-	-	-
22	-	-	-
23	-	-	-
24	-	-	-
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-

SEE REPLACEMENT PARTS DWG #CEV231



TITLE	DATE	SECTION
REPLCMNT PART LIST	11-04-16	C400
VC750FB (VJCAAA)	SUPERSEDES	CEV232
	-	



SEE REPLACEMENT PARTS LIST #CEV234



TITLE  
REPLACEMENT HARDWARE DRAWING

DATE  
11-04-16

SECTION  
C400

VC750FB (VJCAAA)

SUPERSEDES  
-

CEV233

REPLACEMENT HARDWARE LIST  
VC750FB (VJCAAA)

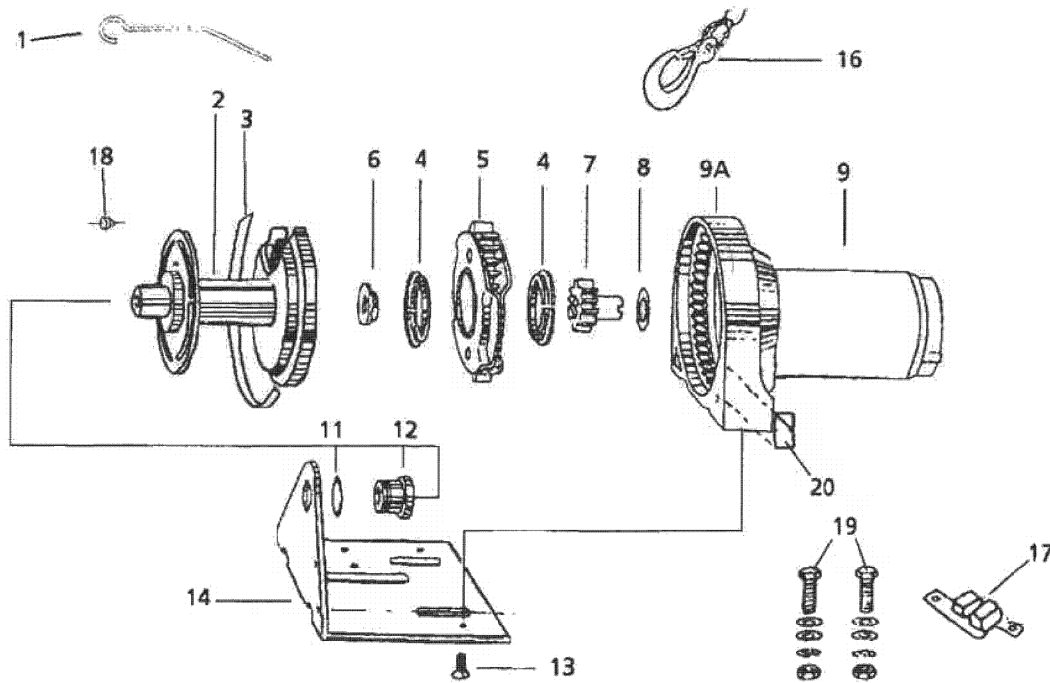
ITEM	QTY	PART NO.	DESCRIPTION
1	2	!SHCS05013100	SOCKET HEAD CAP SCREW; 1/2-13 X 1" LG.
2	2	!LWSH-050	LOCK WASHER; 1/2"
3	2	!LNUT-05013	LOCK NUT; 1/2-13
4	1	CEV165	CLEVIS PIN; PRIMARY BOOM PIVOT
5	2	!FWSH-050SAE	FLAT WASHER; 1/2", SAE
6	1	416554	RUE RING COTTER; 5/8", ZINC PLATED
7	1	16796	CLEVIS PIN; 3/8 X 2-1/2"
8	1	21-06	HAIRPIN COTTER; 2-3/8" LG., ZINC PLATED
9	1	!HHCS03118250	HEX HEAD CAP SCREW; 5/16-18 X 2-1/2" LG., GR. 5 ZINC PLATED
10	1	!HNUT-03118	HEX NUT; 5/16-18, GR. 5 ZINC PLATED
11	1	!HHCS06311150-8	HEX HEAD CAP SCREW; 5/8-11 X 1-1/2" LG., GR. 8
12	1	!JNUT06311N	JAM NUT; 5/8-11, GR. 5, NYLOC
13	1	!HHCS02520150S	HEX HEAD CAP SCREW; 1/4-20 X 1-1/2" LG., GR. 5, STAINLESS STEEL(S/S)
14	1	!LNUT-02520NS	LOCK NUT; 1/4-20, GR. 5, S/S NYLOC
15	1	CE-071	PIN ASSEMBLY; SUPPORT BAR
16	1	!HHCS05013175	HEX HEAD CAP SCREW; 1/2-13 X 1-3/4" LG., GR. 5
17	1	!LNUT-05013	LOCK NUT; 1/2-13, NYLOC, GR. 5
18	2	!HHCS03816150	HEX HEAD CAP SCREW; 3/8-16 X 1-1/2" LG., GR. 5
19	2	!FWSH-038	FLAT WASHER; 3/8", GR. 5
20	2	!LWSH-038	LOCK WASHER; 3/8", GR. 5
21	2	!HHCS02520250S	HEX HEAD CAP SCREW; 1/4-20 X 2-1/2" LG., GR. 5, S/S
22	2	!FWSH-025S	FLAT WASHER; 1/4", GR. 5, S/S
23	2	!LWSH-025S	LOCK WASHER; 1/4", GR. 5, S/S
24	2	!HNUT-025S	HEX NUT; 1/4-20, GR. 5, S/S
25	-	-	-
26	-	-	-
27	-	-	-
28	-	-	-
29	-	-	-
30	-	-	-
31	-	-	-
32	-	-	-
33	-	-	-
34	-	-	-
35	-	-	-

\* REFERENCE REPLACEMENT HARDWARE DRAWING CEV233



TITLE	DATE	SECTION
REPLCMNT HDWR LIST	11-04-16	C400
VC750FB (VJCAAA)	SUPERSEDES -	CEV234

# REPLACEMENT PARTS LIST



Reference Number	Description	Part Number	Qty
1	Handsaver	89-32300	1
2	Rotating Gear Drum	90-32038	1
3	Perimeter Bearing	90-23137	1
4	Carrier Bearing	90-23140	2
5	Planetary Gearing Assembly	90-23138	1
6	Nylon Step Washer	90-12418	1
7	10-Tooth Sun Gear	90-22865	1
8	Flat Thrust Washer	90-23120-08	1
9A	Stationary Ring Gear w/ Needle Bearing	90-12629	1
9	12 Volt Motor w/Ring Gear & Needle Bearing	90-32425	1
	12 Volt Motor (external mtg bolt applications only)	90-33293	1
11	Shim Washer	90-23120-05	AR
12	Bushing	90-12174	1
13	5/16" Socket Head Cap Screw	90-23056-02	2
14	Main Frame Base Plate	90-41019	1
16	3/16" x 25' Cable & Hook Assembly	1511	1
17	12V Circuit Breaker Assembly	90-22873	1
18	Rope Retainer	90-12419	1
19	Pair of 3/8" Bolts & Nuts, 4 Flat Washers & 2 Locking Washers	90-22892	1
20	Handsaver Label	90-12417	1
NS	Pulley Block	2227	1

AR denotes "As Required"



TITLE  
WINCH RPLCMNT PARTS

DATE  
02-24-17E

SECTION  
C400

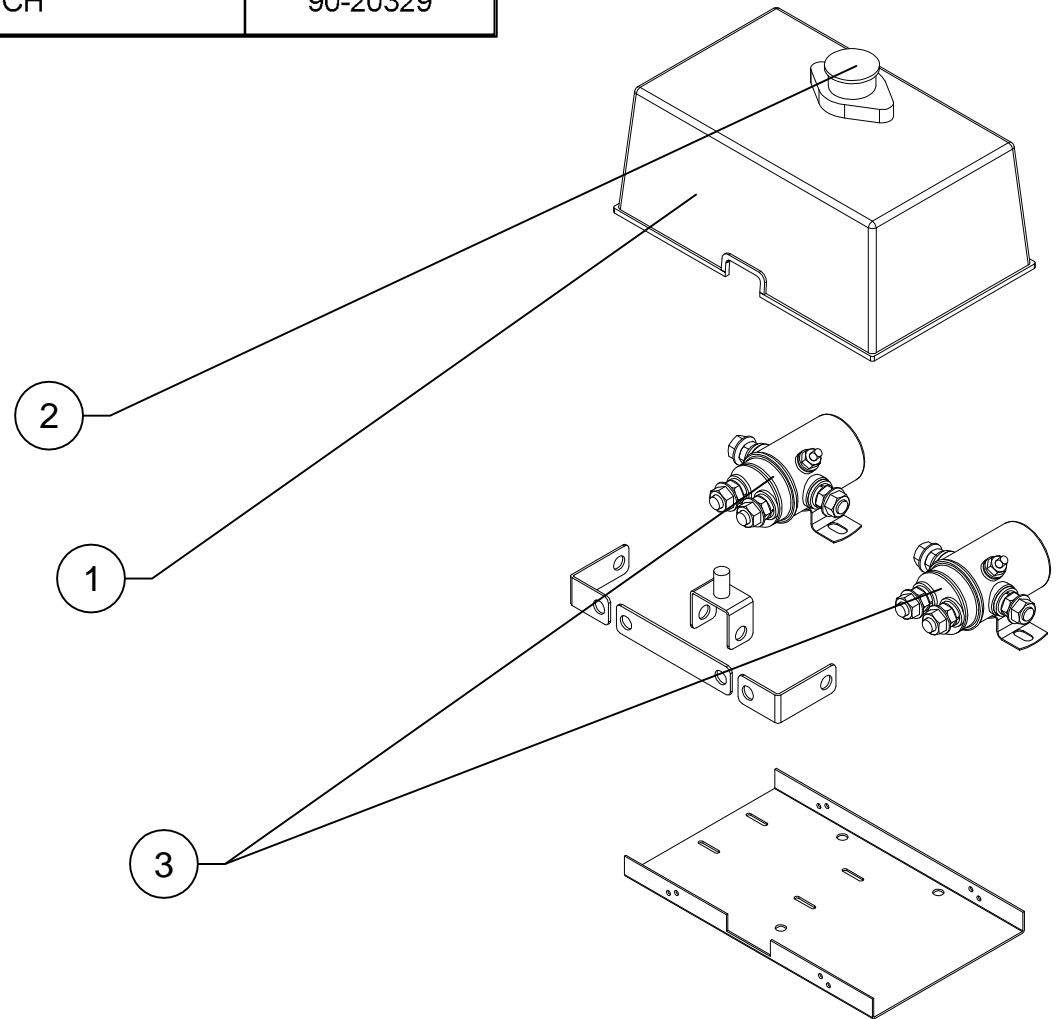
▲  
CE-1500-FB/CEV/ESV SERIES

SUPERSEDES  
08-18-16D

CE-055



ITEM	QTY	DESCRIPTION	PART #
1	1	COVER; CONTACTOR BOX, PENDANT SOCKET	90-31079
2	1	PENDANT SOCKET, CONTACTOR BOX COVER	90-22115
3	2	SOLENOID; CONTACTOR BOX, WINCH	90-20329



TITLE  
REPLACEMENT PARTS DIAGRAM

DATE  
08-30-16

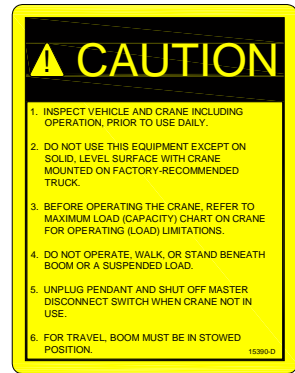
SECTION  
C400

CE-008 CONTACTOR BOX

SUPERSEDES  
-

CEV224

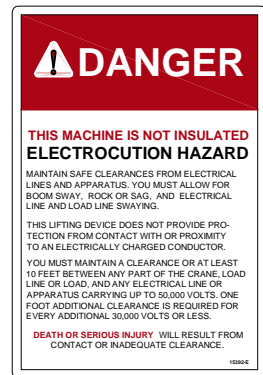
DECAL #: 15390  
 DESCRIPTION: CAUTION, INSPECT VEHICLE & CRANE...  
 PURPOSE: TO INFORM THE OPERATOR OF KEY OPERATING REQUIREMENTS.  
 QUANTITY: 1  
 PLACEMENT: UPPER MAST ON SIDE, OPPOSITE PRIMARY BOOM



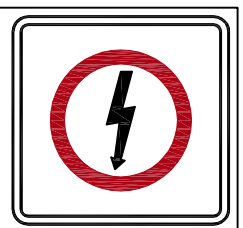
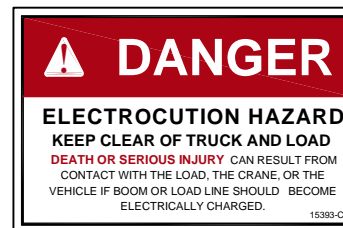
DECAL #: 15391  
 DESCRIPTION: DANGER, NOT A PASSENGER LIFT  
 PURPOSE: TO INFORM OPERATOR NOT TO LIFT, SUPPORT, OR TRANSPORT PERSONNEL, AND TO ENSURE OPERATOR IS ADEQUATELY TRAINED.  
 QUANTITY: 1  
 PLACEMENT: UPPER MAST ON SIDE, OPPOSITE PRIMARY BOOM



DECAL #: 15392  
 DESCRIPTION: DANGER, ELECTROCUTION HAZARD, MACHINE (CRANE)  
 PURPOSE: TO INFORM OPERATOR THAT MACHINE (CRANE) REPRESENTS AN ELECTROCUTION HAZARD SHOULD IT COME CLOSE TO OR IN CONTACT WITH AN ELECTRICAL VOLTAGE SOURCE.  
 QUANTITY: 1  
 PLACEMENT: UPPER MAST ON SIDE, OPPOSITE PRIMARY BOOM



DECAL #: 15393  
 DESCRIPTION: DANGER, ELECTROCUTION HAZARD, VEHICLE (TRUCK)  
 PURPOSE: WARNS OF DANGER FROM ELECTRICALLY CHARGED VEHICLE, CRANE, OR LOAD.  
 QUANTITY: 4  
 PLACEMENT: EACH SIDE & EACH END OF VEHICLE



TITLE	DATE	SECTION
SAFETY DECALS	09-29-16A	C400 ▲
VENTURO VAN CRANES	SUPERSEDES 08-02-16	CEV170

DECAL #: 15513  
 DESCRIPTION: MASTER DISCONNECT SWITCH  
 PURPOSE: TO INFORM THE OPERATOR OF LOCATION AND OPERATION OF MASTER DISCONNECT SWITCH  
 QUANTITY: 1  
 PLACEMENT: ON MASTER DISCONNECT SWITCH BRACKET



DECAL #: 15398  
 DESCRIPTION: UNPLUG REMOTE CONTROL  
 PURPOSE: TO INFORM OPERATOR TO UNPLUG REMOTE CONTROL WHEN NOT IN USE  
 QUANTITY: 1  
 PLACEMENT: NEAR PENDANT SOCKET



DECAL #: 573403  
 DESCRIPTION: WARNING - STOWING  
 PURPOSE: TO INFORM OPERATOR TO STAY AWAY FROM THE BOOM WHEN STOWING  
 QUANTITY: 1  
 PLACEMENT: UPPER MAST ON SIDE, OPPOSITE PRIMARY BOOM



TITLE	DATE	SECTION
SAFETY DECALS	09-29-16A	C400 ▲
VENTURO VAN CRANES	SUPERSEDES 08-02-16	CEV171

PART NO.: 15672-750  
 DECAL: CAPACITY 750 LBS  
 FUNCTION: TO SHOW THE OPERATOR THE CAPACITY AT MAX BOOM LENGTH  
 QUANTITY: 2  
 PLACEMENT: ONE ON EACH SIDE OF BOOM




PART NO.: CEV191  
 DECAL: MODEL NAME  
 FUNCTION: TO SHOW THE MODEL OF THE CRANE  
 QUANTITY: 2  
 PLACEMENT: ONE ON EACH SIDE OF BOOM



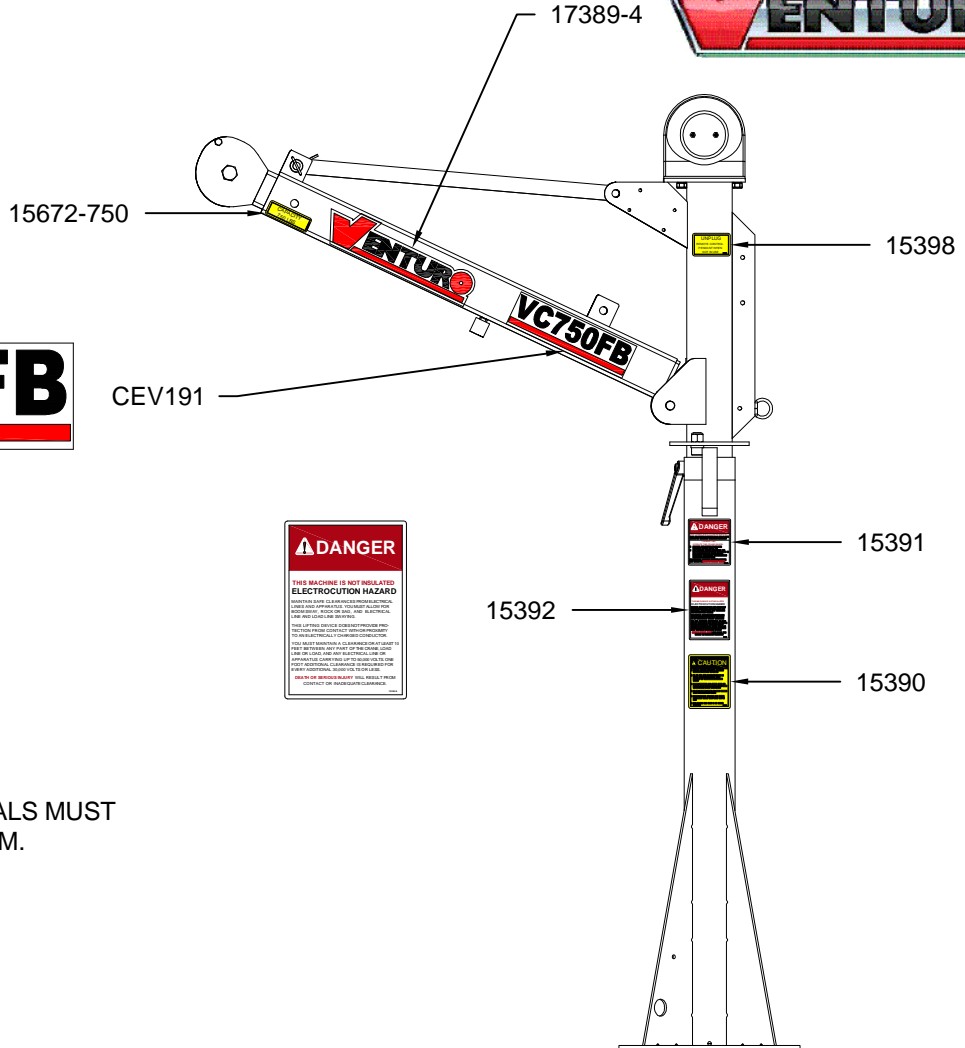
PART NO.: 17389-4  
 DECAL: VENTURO  
 FUNCTION: MANUFACTURER'S LOGO  
 QUANTITY: 2  
 PLACEMENT: PRIMARY BOOM, BOTH SIDES NEAR MAST



	TITLE DECAL DRAWING & LIST	DATE 11-01-16	SECTION C400
	VC750FB (VJCAA)	SUPERSEDES -	CEV190

CAPACITY  
750 LBS.

**VC750FB**



**UNPLUG**  
REMOTE CONTROL  
PENDANT WHEN  
NOT IN USE

**⚠ DANGER**  
THIS MACHINE IS NOT INSULATED.  
ELECTROCUTION HAZARD.  
DO NOT OPERATE THIS MACHINE WITHOUT THE PROPERLY TRAINED OPERATOR. THE OPERATOR MUST WEAR PROTECTIVE EQUIPMENT AND FOLLOW ALL SAFETY PROCEDURES. THE OPERATOR MUST BE AWARE OF THE LOCATION OF ALL ELECTRICAL WIRING AND MUST BE CAUTIOUS TO AVOID CONTACT WITH ELECTRICAL WIRING. THE OPERATOR MUST BE AWARE OF THE LOCATION OF ALL ELECTRICAL WIRING AND MUST BE CAUTIOUS TO AVOID CONTACT WITH ELECTRICAL WIRING.

**⚠ DANGER**  
THIS CRANE IS NOT A PASSENGER LIFT.  
DO NOT OPERATE ON OR UNDER AN OVERCRAFT.  
NEVER OPERATE THIS CRANE UNLESS YOU ARE TRAINED AND QUALIFIED TO DO SO.  
NEVER OPERATE THIS CRANE UNLESS YOU ARE TRAINED AND QUALIFIED TO DO SO.  
NEVER OPERATE THIS CRANE UNLESS YOU ARE TRAINED AND QUALIFIED TO DO SO.

**⚠ CAUTION**  
OPERATE WITH CARE.  
DO NOT OPERATE THIS CRANE UNLESS YOU ARE TRAINED AND QUALIFIED TO DO SO.  
DO NOT OPERATE THIS CRANE UNLESS YOU ARE TRAINED AND QUALIFIED TO DO SO.  
DO NOT OPERATE THIS CRANE UNLESS YOU ARE TRAINED AND QUALIFIED TO DO SO.

NOTE:  
CAPACITY DECALS AND VENTURO LOGO DECALS MUST  
BE PLACED ON BOTH SIDES OF PRIMARY BOOM.



TITLE	DECAL LOCATIONS
	VC750FB (VJCAAA)

DATE	11-01-16	SECTION	C400
SUPERSEDES	-		CEV192

ITEM NO.	PART NO.	QTY	DESCRIPTION
1	15397	1	BOM; ACCIDENT PREVENTION SIGNS
2	17389-4	2	DECAL; VENTURO (SMALL)
3	15672-750	2	DECAL; CAPACITY, 750 LBS
4	CEV191	2	DECAL; MODEL, VC750FB
5	CEV193	1	IDWG: FIELD SERVICE LABEL KIT

15397 ACCIDENT PREVENTION SIGNS		
PART NO.	QTY.	DESCRIPTION
15390	1	DECAL; CAUTION, OPERATIONS
15391	1	DECAL; DANGER, NOT PASSENGER LIFT
15392	1	DECAL; DANGER, ELECTRICAL HAZARD SIGN
15393	4	DECAL; DANGER, ELECTRICAL HAZARD
15394	1	APPLICATION INSTRUCTIONS
15398	1	DECAL; UNPLUG PENDANT
15401	1	DECAL; UNLAWFUL TO OPERATE
15513	1	DECAL; MASTER DISCONNECT
22317	1	DECAL SHEET; VENTURO, COMPLEMENTARY
20927	1	DECAL; CRANE STABILITY



TITLE	DATE	SECTION
FIELD SERVICE LABEL KIT	11-01-16	C400
VC750FB (VJCAAA)	SUPERSEDES	CEV193
	-	