



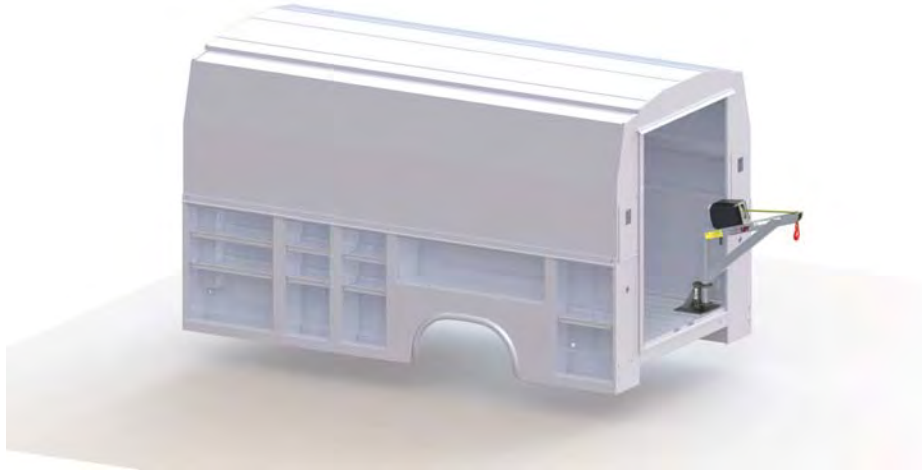
SpitzLift Package Description Document

(Product Cut Sheet/ Install Guide)

PACKAGE DESCRIPTION: LOW ROOF ENCLOSED SERVICE BODY REAR DOOR, 3FT SPITZLIFT **MAX LOAD CAPACITY:** 900 LBS / 408 KG

PACKAGE ID #: OPTION I-ESB-P8 **Right side (Curb Side) Install** **PACKAGE ID #:** OPTION I-ESB-P8 **Left side (Driver Side) Install**

☐ **VEHICLE SPECIFIC PACKAGE** **VEHICLE MAKE** **VEHICLE MODEL** **START YEAR**



PACKAGE IMAGE

PACKAGE SPECIFICATIONS:

LOW ROOF ENCLOSED SERVICE BODY REAR DOOR

OPTION I-ESB-P8

INSTALLS ON EITHER THE LEFT OR RIGHT SIDE

INSTALL WEIGHT: APPROX. 66 LBS

LOAD CAPACITY: 900 LBS

INCLUDES:

12V DC CRANE LTD-324 WITH PENDANT, DC CONNECT & WIRING HARNESS, PEDESTAL KESB-DIO WITH INSTALLATION REINFORCEMENT HARDWARE KIT KBP-1012H

SHIPPING WEIGHTS:

BOX 1 **LBS** **BOX 2** **LBS** **BOX 3** **LBS** **BOX 4** **LBS**

SPECIAL NOTES:

SPITZLIFT PROPRIETARY DOCUMENT

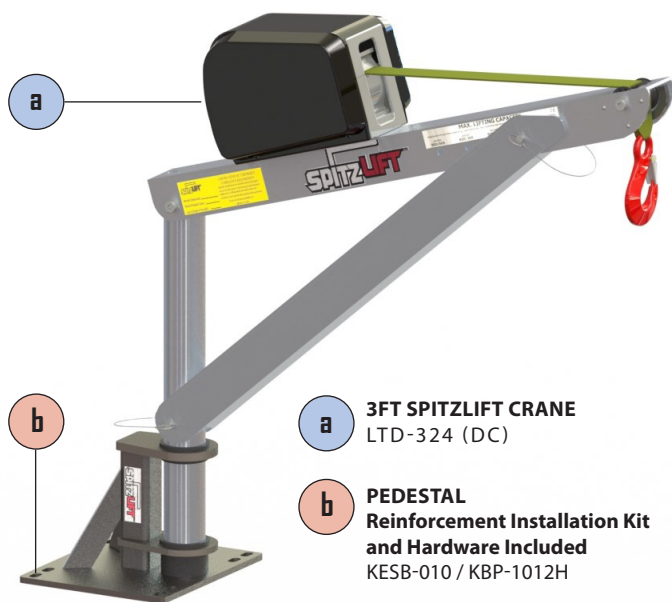
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SL003-PDOCF-REV_A_1.23.2019_ENG

SPITZLIFT ENCLOSED SERVICE BODY PACKAGE: 8" PEDESTAL

RIGHT SIDE (CURB SIDE) | LEFT (DRIVER SIDE) KESB-010



a 3FT SPITZLIFT CRANE
LTD-324 (DC)

b PEDESTAL
Reinforcement Installation Kit
and Hardware Included
KESB-010 / KBP-1012H



3 FT SPITZLIFT CRANE - DC POWERED	SPECIFICATIONS
MAX LIFTING CAPACITY	900 LBS (408.2 KG)
MANUFACTURING STANDARDS	COMPLIANT WITH OSHA AND ASME STANDARDS
ROTATION	360°
WEBBING OR WIRE ROPE	20' (609.6 CM) 50' (1524 CM)
LIFTING SPEED	DC - 22'6" (6.858 M)/MIN (0.11/SEC)
DC PENDANT CONTROLLER	10' (304.8 CM)
INSTALLED WEIGHT	DC - APPROX. 66 LBS (29.9 KG)
POWER REQUIREMENTS	12V DC @ 70 AMPS
STANDARD FINISH	CLEAR ANODIZED POWDER COATED
MATERIAL	AIRCRAFT GRADE ALUMINUM & STEEL
WARRANTY	3 YEARS LIMITED



DC Pendant Controller

PART#: 25559-REMOTE10HK
Length: 10' (304.8 CM)



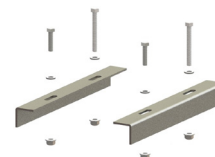
DC Quick Connect

PART#: 24085-4
Length: 4' (121.9 CM)



DC Wiring Harness

PART#: 24049
Length: 25' (762 CM)

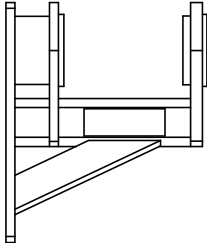
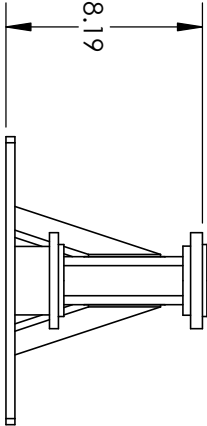
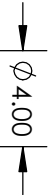
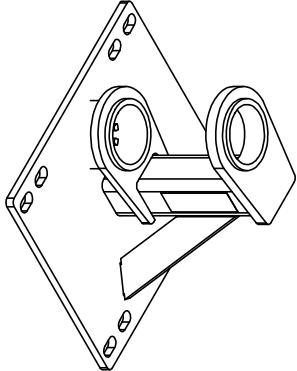
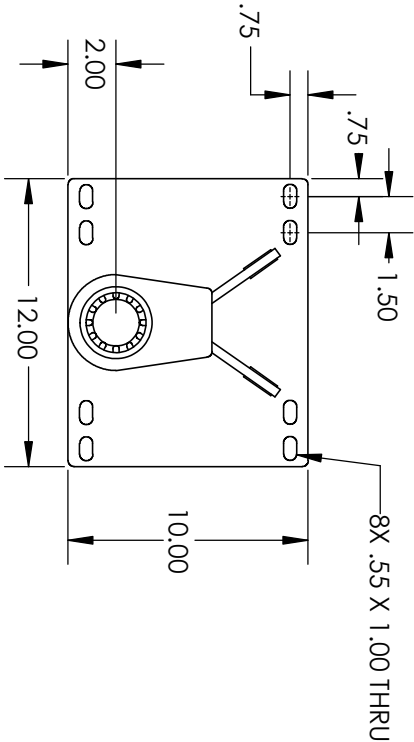


Reinforcement Kit

PART#: KBP-1012H

*Manual Handcrank Options available upon request.

OD DIMS & BOLT REFERENCE



REVISIONS			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	10/25/2018

TITLE:

MOUNT, 10 X 12 ESB



MATERIAL DESCRIPTION:

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NAME	DATE	DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONS: 1/64 DECIMALS: ±.005 ANGULAR: MACH ± 1 DEG BEND/WELD ± 1/16 ± 1 DEG DECIMAL: ±.01		SEE NOTES		Material <not specified>		MOUNT, 10 X 12 ESB	
DRAWN	SM	10/25/2018		DO NOT SCALE DRAWING		PROJECT:		SIZE	
CHECKED	MJS	10/25/2018				KESB-010		DWG. NO.	
ENG APPR.	MJS	10/25/2018						KESB-010	
								SCALE: 1:8	
								WEIGHT: 19.73	
								SHEET 1 OF 1	

SPITZLIFT ENCLOSED SERVICE BODY PACKAGE - 8" PEDESTAL

RIGHT SIDE (CURB SIDE) | LEFT SIDE (DRIVER SIDE) KESB-010

MAX CAPACITY 900 / 408 KG

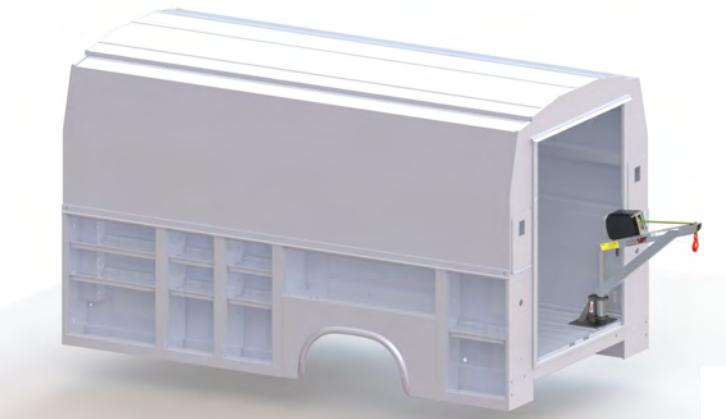


INSTALLATION GUIDE

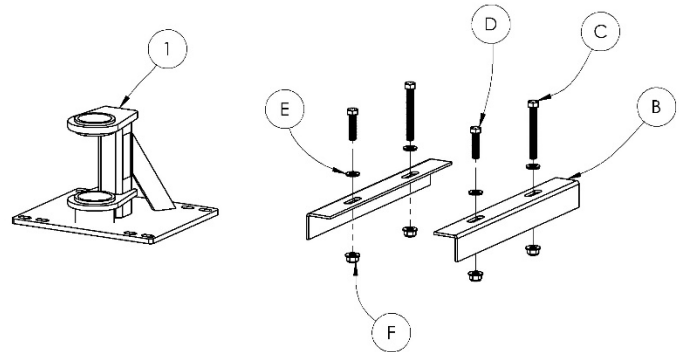
DC OR MANUAL CRANE PEDESTAL INSTALLATIONS

Installation document reflects curb side install.

Can be installed on driver side.



REF	Part Description	Qty
A	KESB-010	1
B	PLATE, HK BRACKET 10 X 12	2
C	HEX HEAD SCREW, 1/2-13 X 4.0, G5 ZINC	2
D	HEX HEAD SCREW, 1/2-13 X 2.0, G5 ZINC	2
E	WASHER, 1/2" SEALING NEOPRENE, GALV	4
F	FLANGED HEX NUT, 1/2-13 NYLOC, ZINC	4



DISCLAIMER: It is recommended that SpitzLift pedestals be professionally installed. SpitzLift is not responsible for the structural integrity of the mounting structure.

CAUTION: Ensure that the location for the pedestal is clear of all wires, harnesses, lines, fuel tank, etc.

Step 1.

- Place pedestal into position approximately 1/2" from inside wall and 1 5/8" from rear interior wall. Use the existing holes on the pedestal to mark hole locations to be drilled through the bed (**fig I**).
- Remove the pedestal and drill 17/32"(.53) hole at each marked location (**fig II-1**).

Note: All drilled holes must be properly sealed by liberally applying high grade silicone or other sealant around the perimeter of all holes. If silicone is applied properly, silicone will squeeze out. Remove excess silicone after completion of installation.

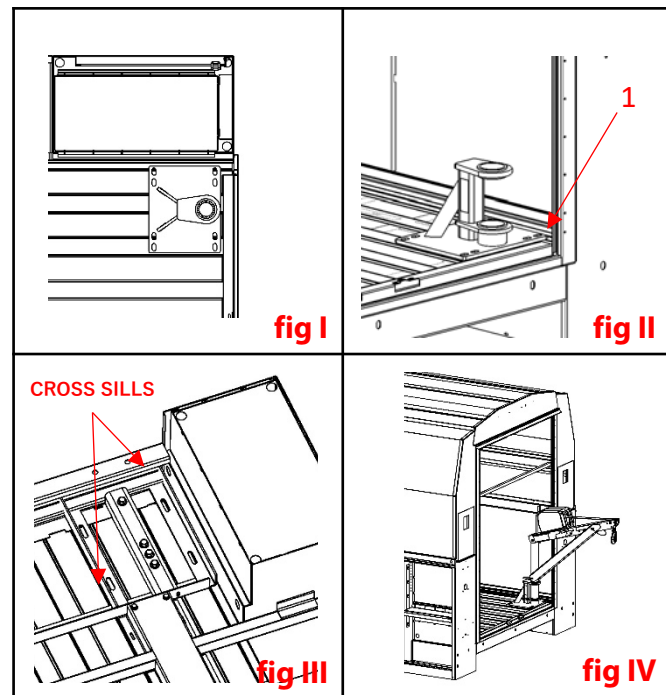
Step 2.

- Based on OEM design, it may be necessary to cut two 2"x 2" steel angles (**item B**) to fit between the 2 cross sills (**fig III**).
- Align the steel angles supports to match pedestal hole locations to the underbody of the platform.
- Insert the 1/2" bolts (**item C & D**) down through the pedestal, floor, and the cross sills or channel.
- Fasten with 1/2" nuts (**item F**).
- Once all 4 bolts are in place with hardware washers, and nuts torque bolts to 75 ft-lbs.

Note: Installer may consider welding the 2 angle pieces on to the cross sills with 1/8" x 2" welds. However, this step is not required for most applications.

Step 3.

- When pedestal has been successfully attached to the vehicle, ensure that everything is structurally sound. Confirm that all cracks and holes are properly sealed with silicone.
- Insert the crane into the pedestal, (**fig IV**).



SPITZLIFT ENCLOSED SERVICE BODY PACKAGE - 8" PEDESTAL

RIGHT SIDE (CURB SIDE) | LEFT SIDE (DRIVER SIDE) KBSB-010

MAX CAPACITY 900 / 408 KG



Step 5. SpitzLift Automotive Grade Wiring Harness Installation (For DC powered installations, supplied with SpitzLift DC cranes)

DC Wiring Harness components (**SpitzLift PN#24049**)

- 25 ft. power cable, 8 ft. ground cable
- #8 wire (600v rating UL Type MTW VW-1)
- 70amp (2 qty 35amp) circuit breakers (avg. current draw 50amps)
- Anderson (SB-50) connector



DC Wiring Harness

PART#: 24049
Length: 25' (762 CM)

- Run wiring harness along the chassis of the vehicle. Make certain that both lead wires are properly attached along chassis without sagging and are secured from being pinched.
- Use rubber grommets on any hole penetrations. Ensure that the cable does not contact any heat sources that could cause damage.
- Attach 8 ft. ground lead to chassis. Ensure ground connection is to bare metal, paint, or seal connection after termination
- Run positive 25 ft. lead, which includes automatic circuit breakers, and terminate to positive battery connector or to auxiliary lug.
- Position power supply connector for plugging the SpitzLift extension power cord (4 ft. standard length **SpitzLift PN#24085-4**) onto the side wall in a location that is unobstructed within 2' of the SpitzLift power unit (**fig IV**).

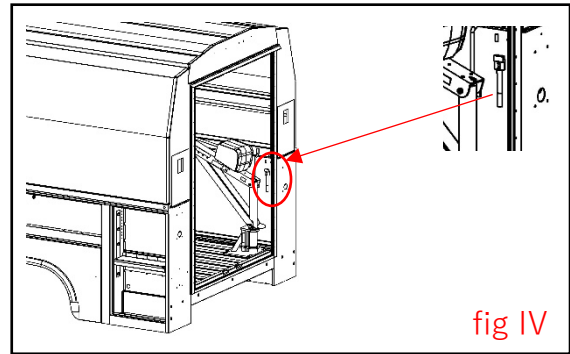


fig IV

Step 6.

Insert SpitzLift into the pedestal and perform recommended load test. 125% of max capacity.

Step 7. (Securing crane for travel)

- Crane must face to the front of vehicle to reduce wind chatter.
- Utilize or install a tie down for locking crane into travel position.
- Fasten the hook to the tie down, Reel in the strap to add enough tension to secure the crane. The crane will flex about an inch, indicating that it is secure.
- Then, disconnect the power supply for transport and when crane is not in use.

Note: If crane continues to chatter, tighten the strap a little more.
Caution - do not over tighten.

Step 8.

Unplug power cord for travel and when crane is not in use.